

Fig. 1
(Prior Art)

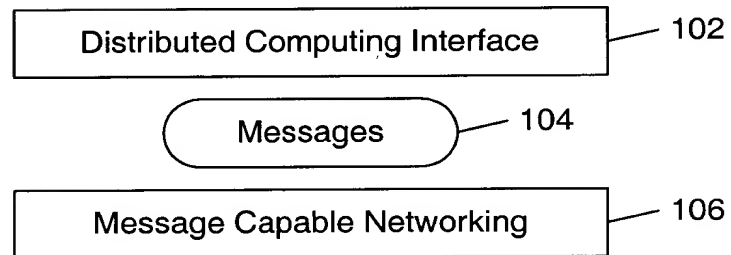


Fig. 2

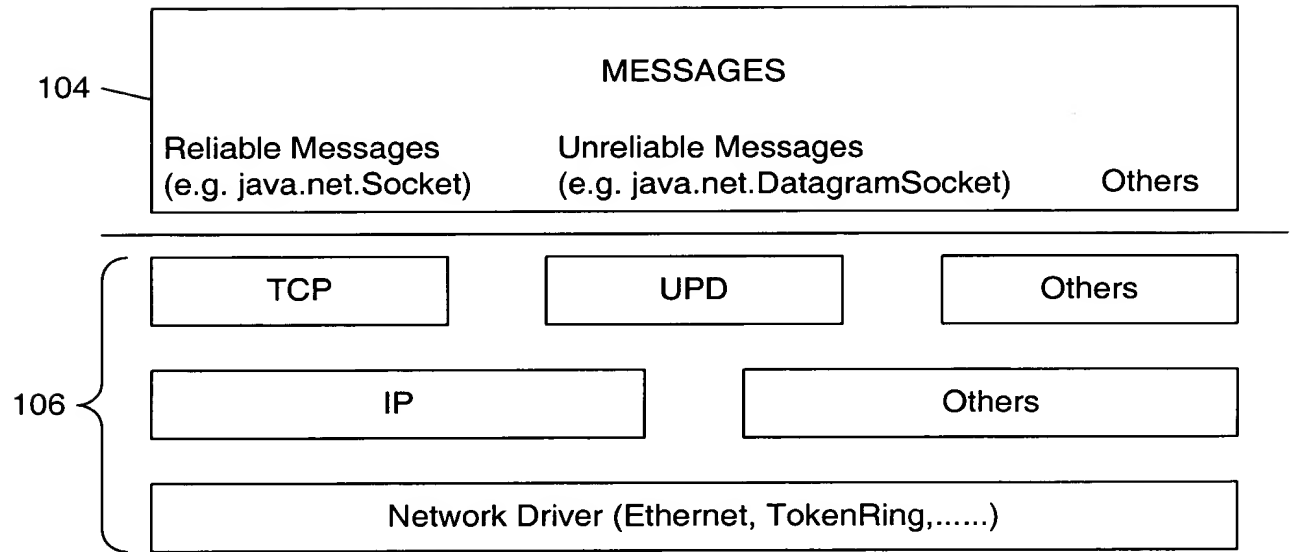


Fig. 3

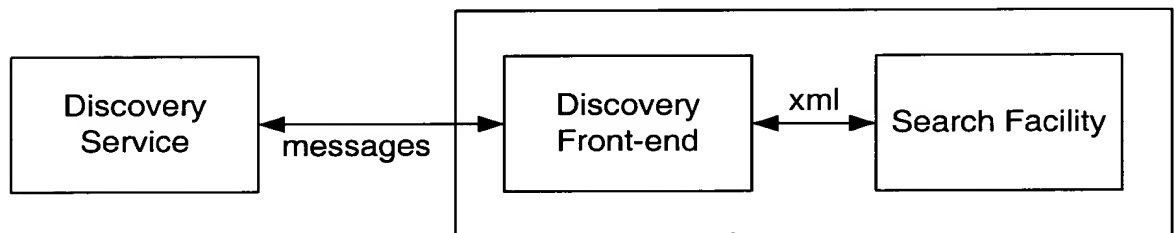


Fig. 4

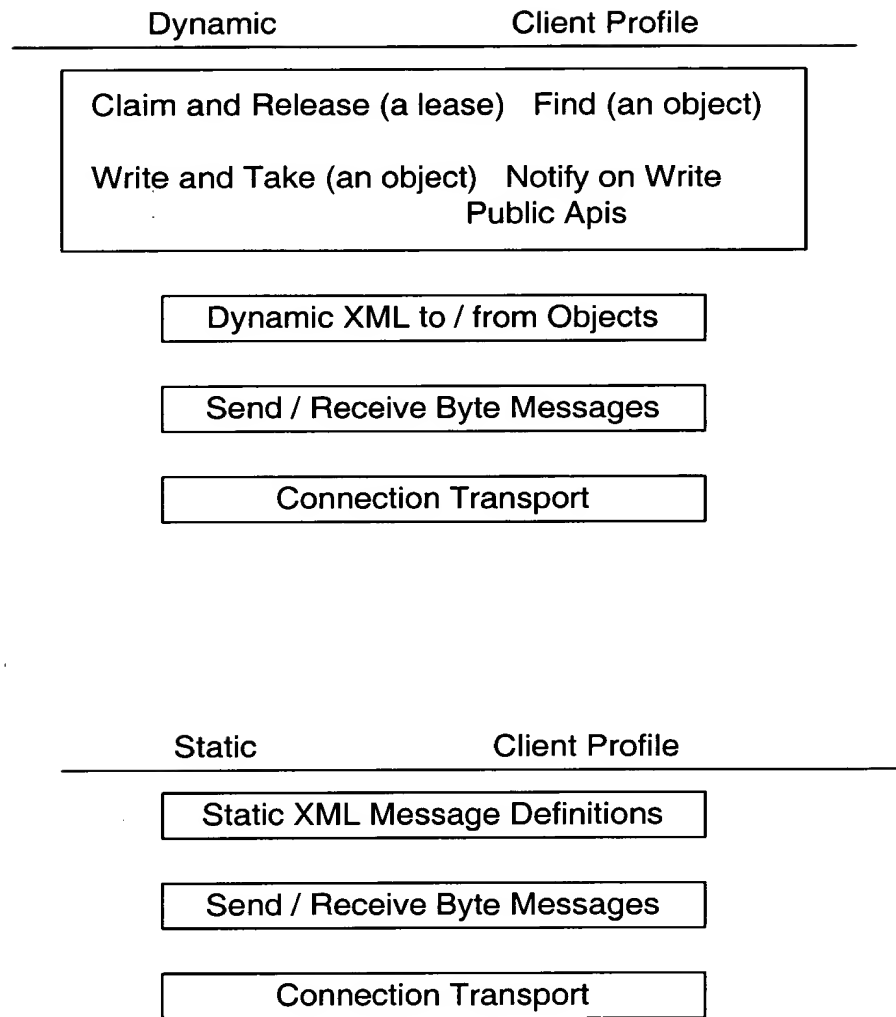


Fig. 5

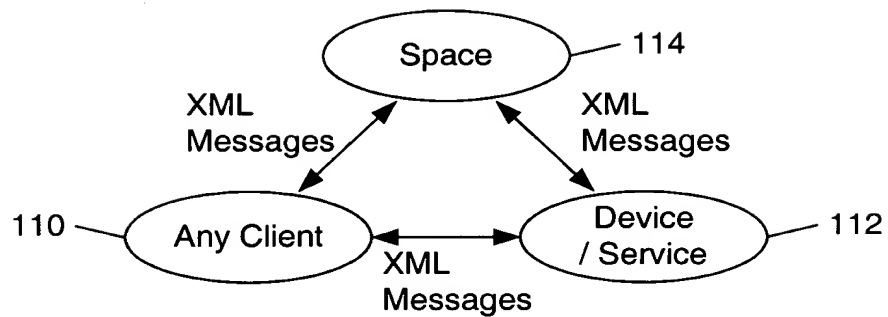


Fig. 6

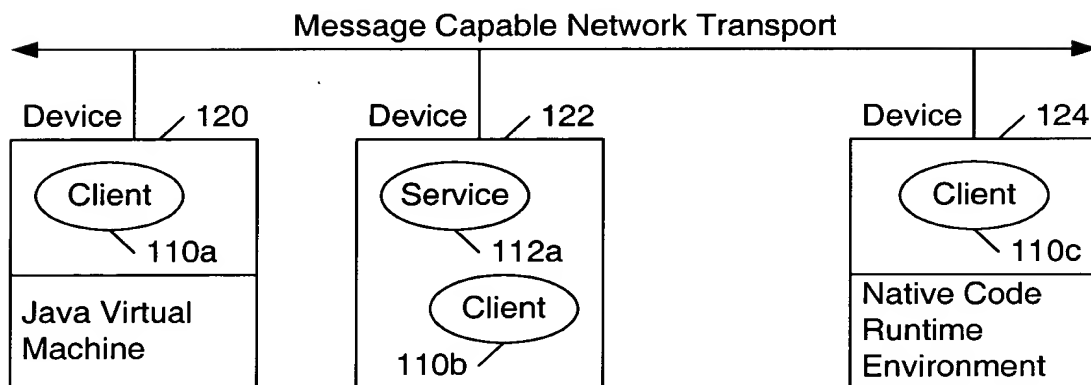


Fig. 7

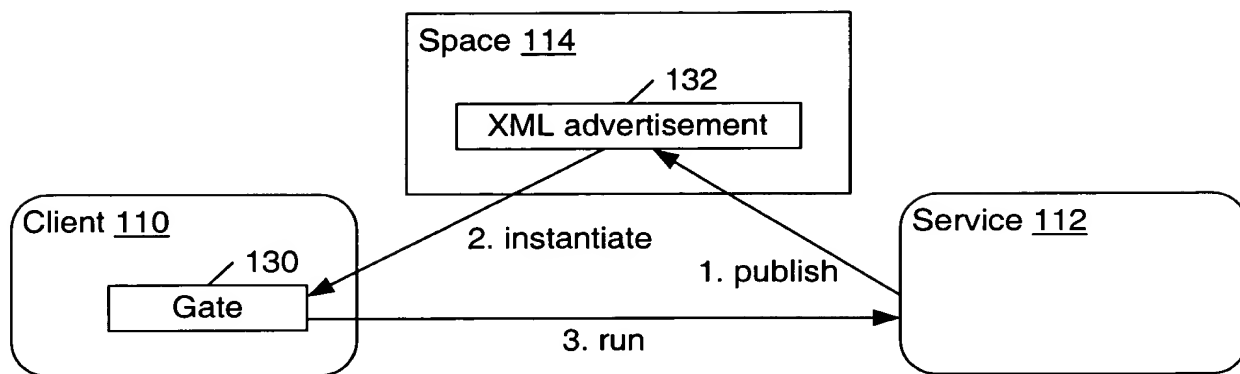


Fig. 8

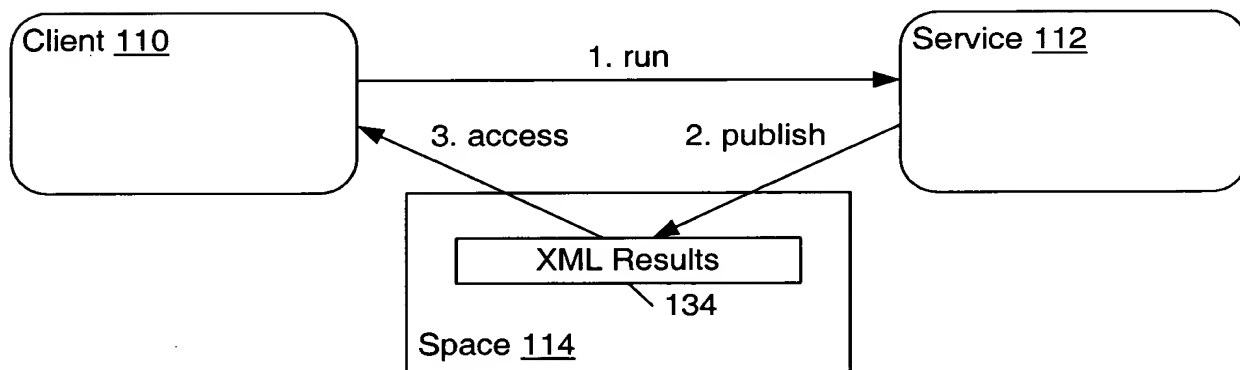


Fig. 9

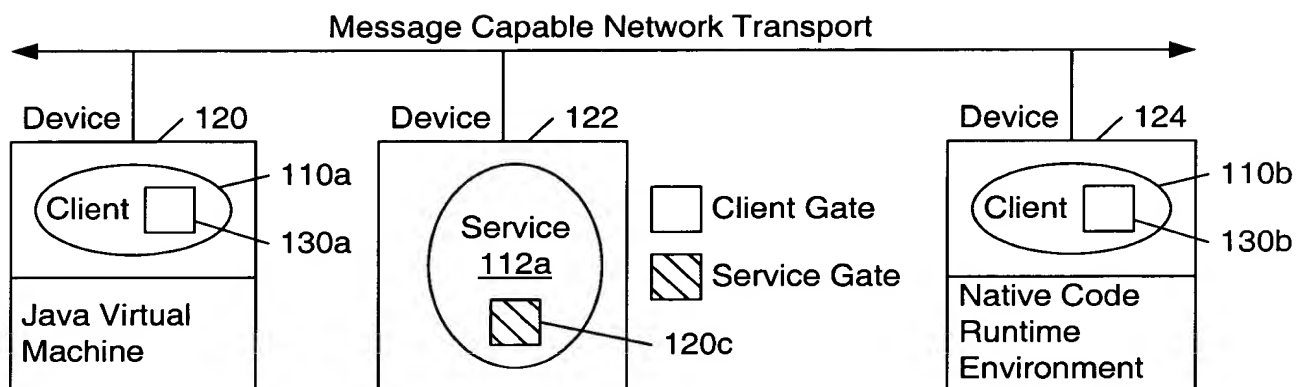


Fig. 10a

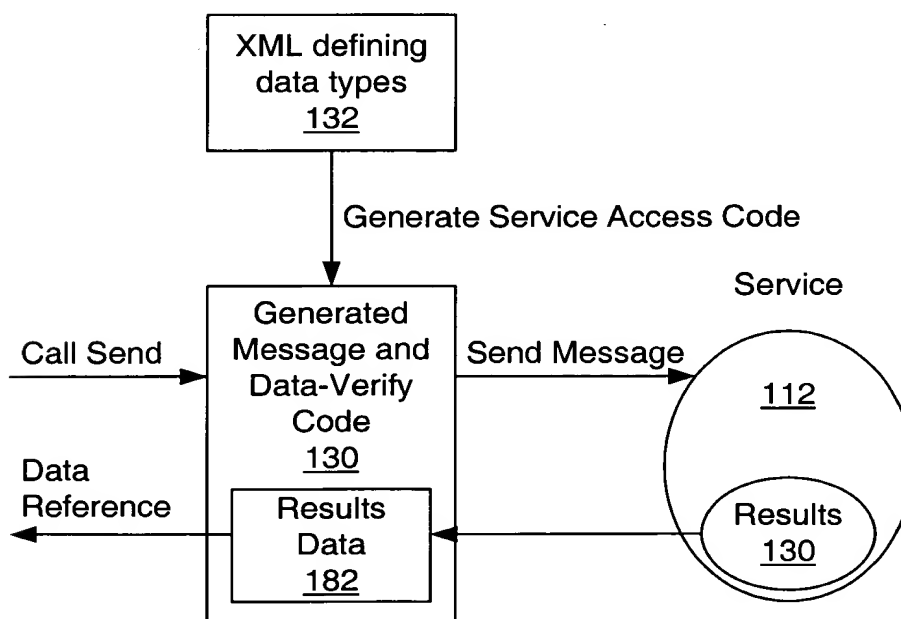


Fig. 10b

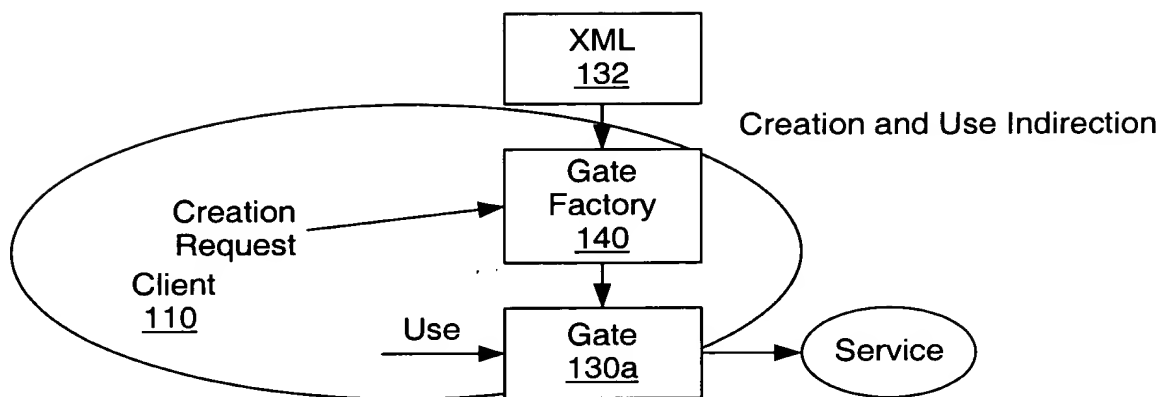


Fig. 11a

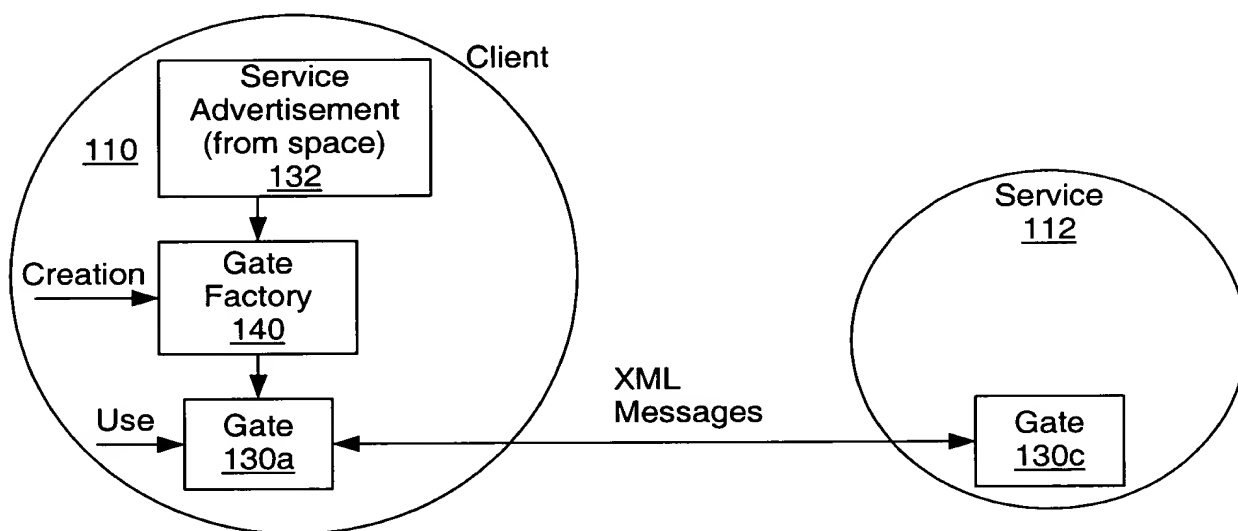


Fig. 11b

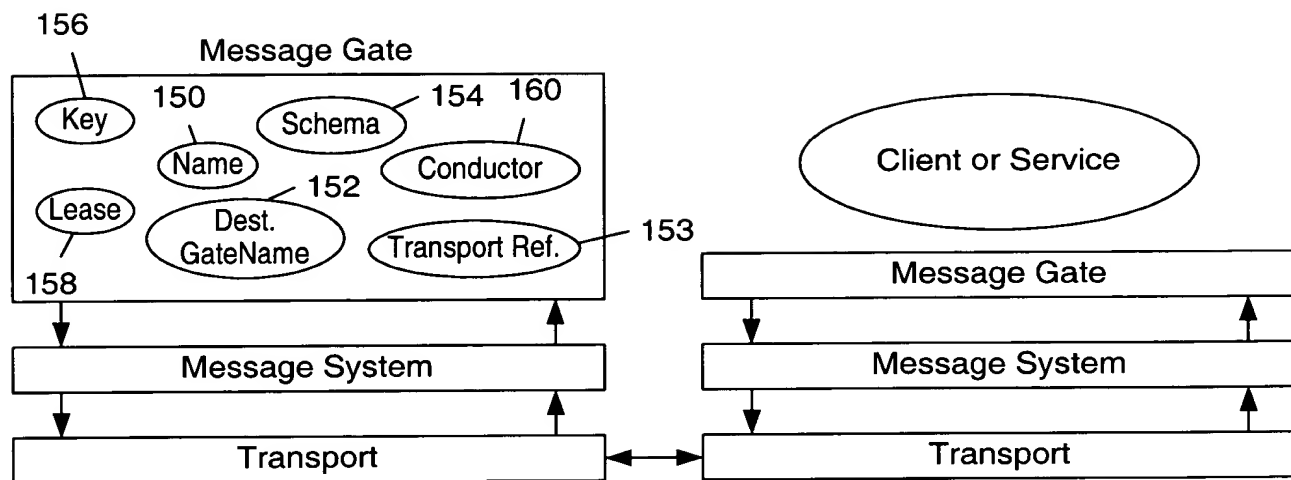


Fig. 12

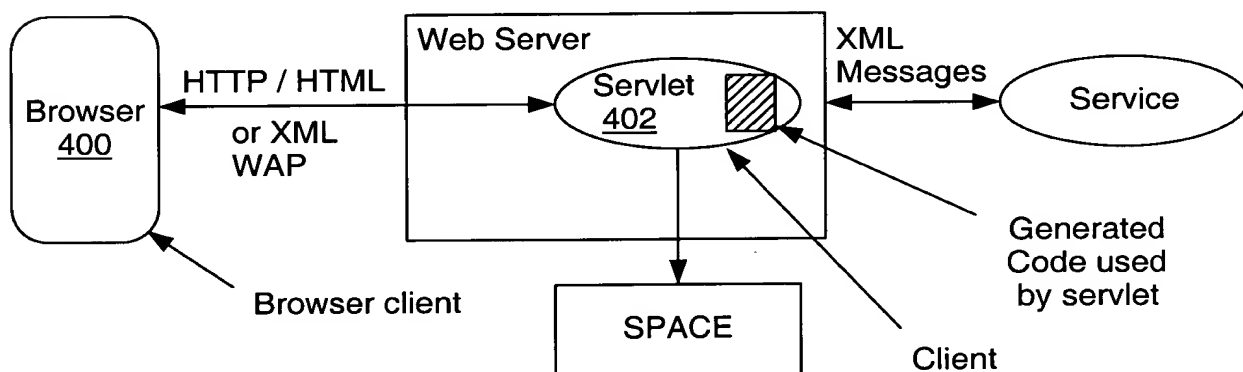


Fig. 13

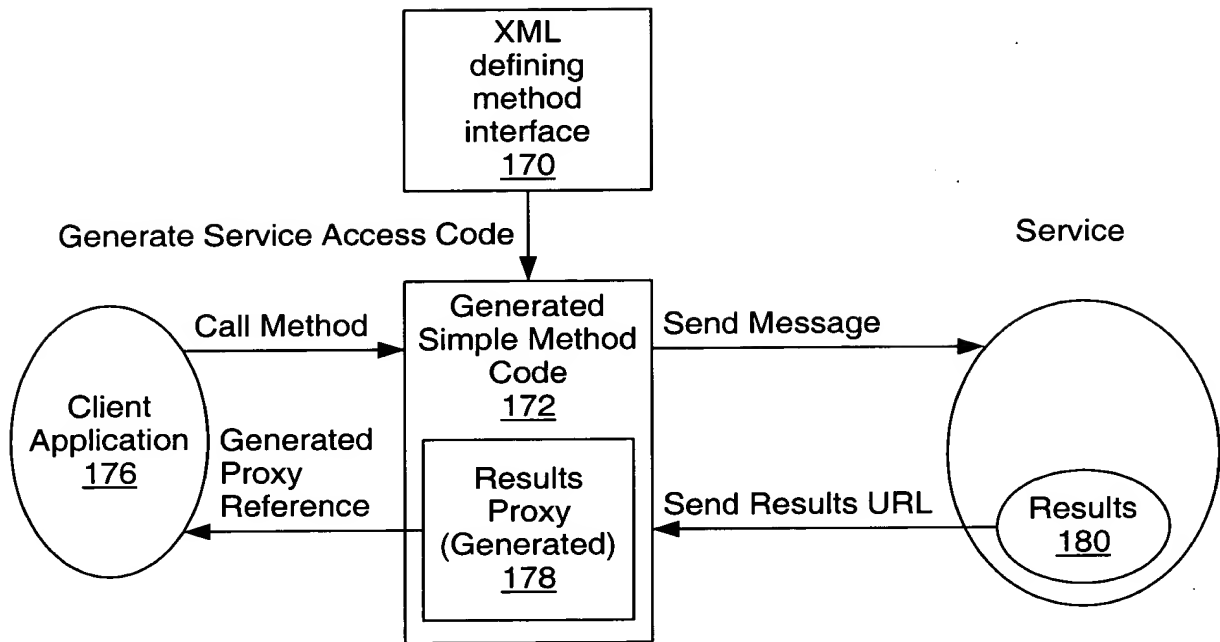


Fig. 14

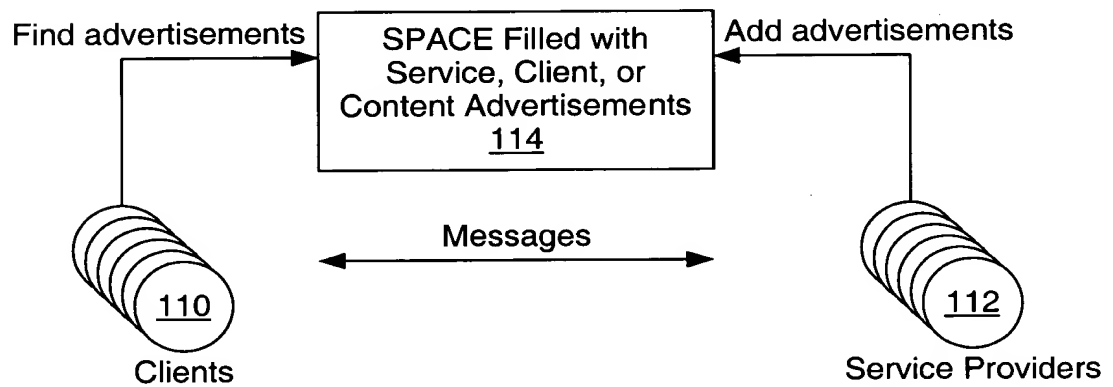


Fig. 15

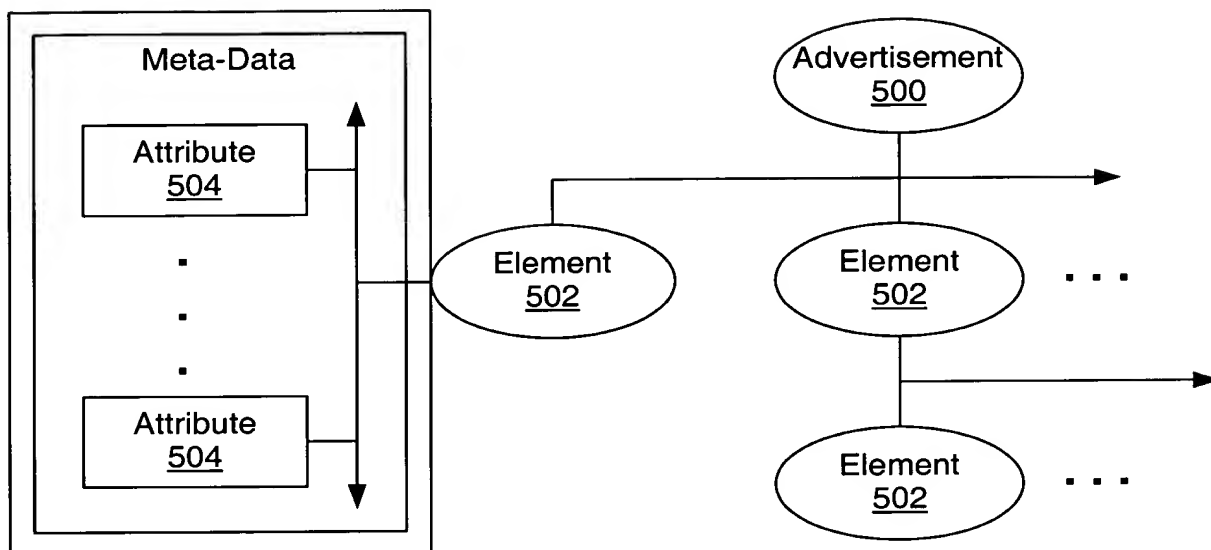


Fig. 16

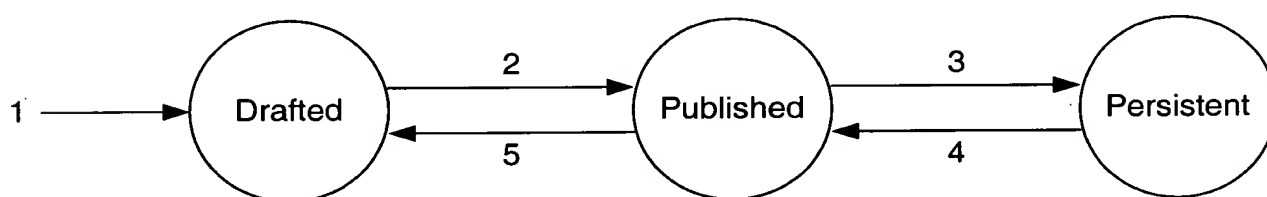


Fig. 17

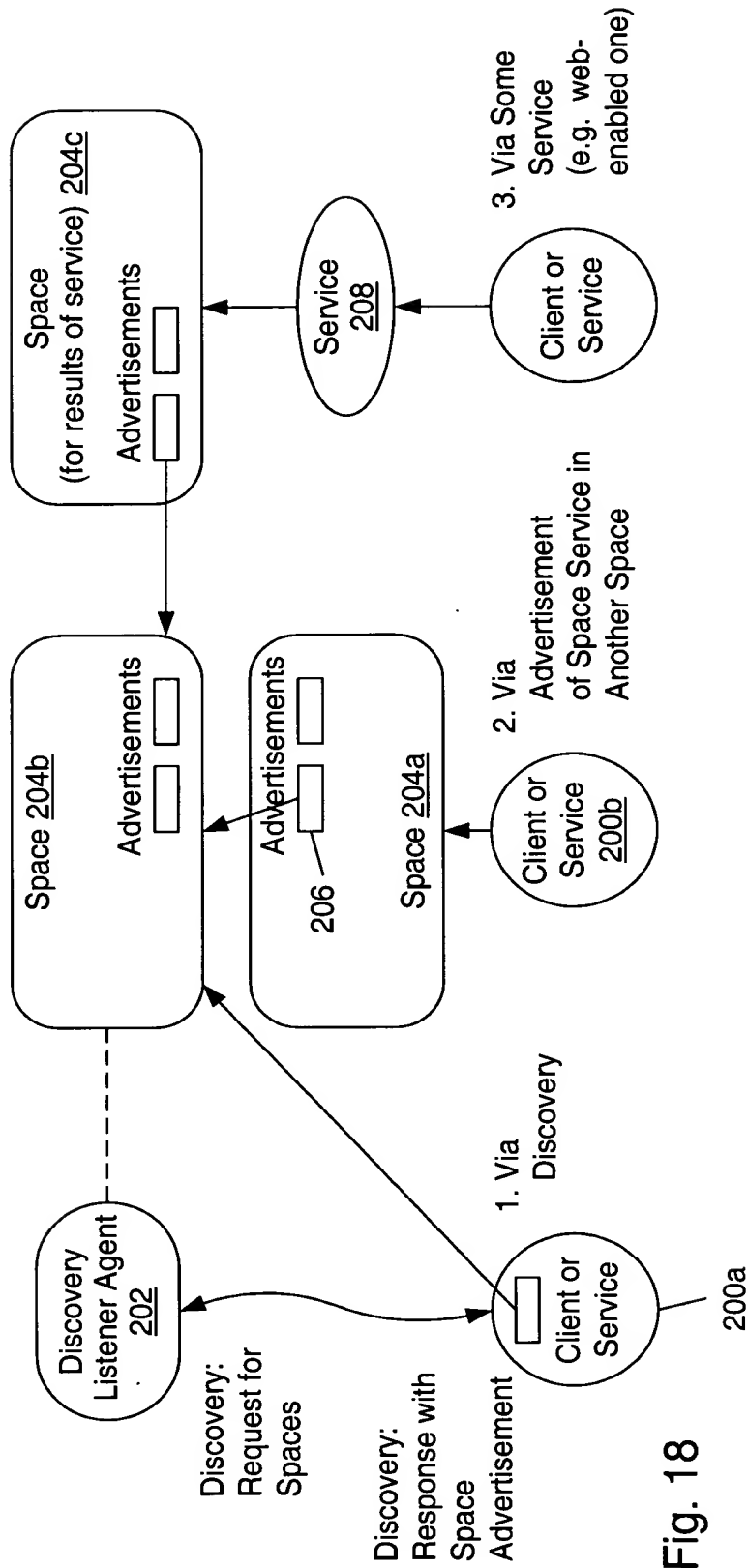


Fig. 18

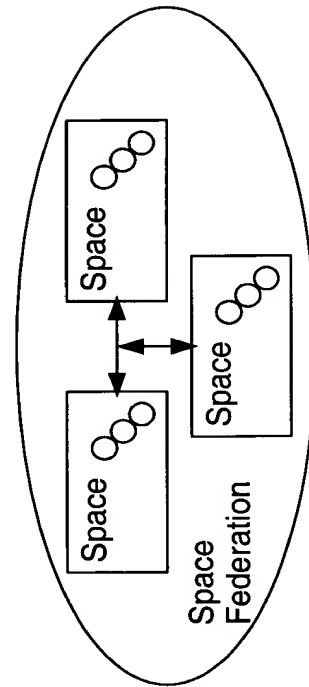


Fig. 19

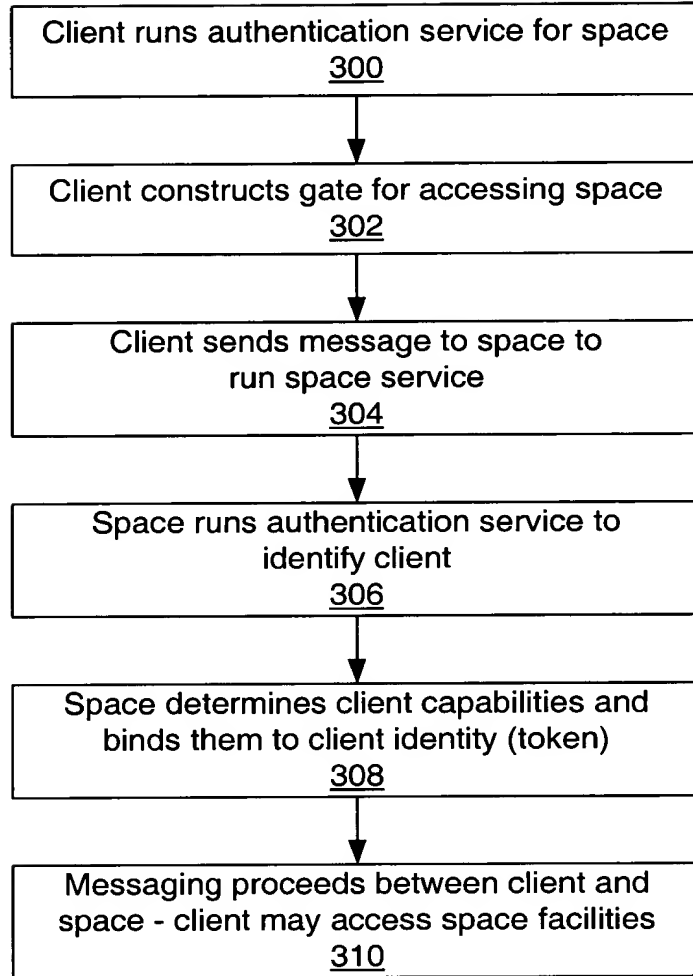


Fig. 20

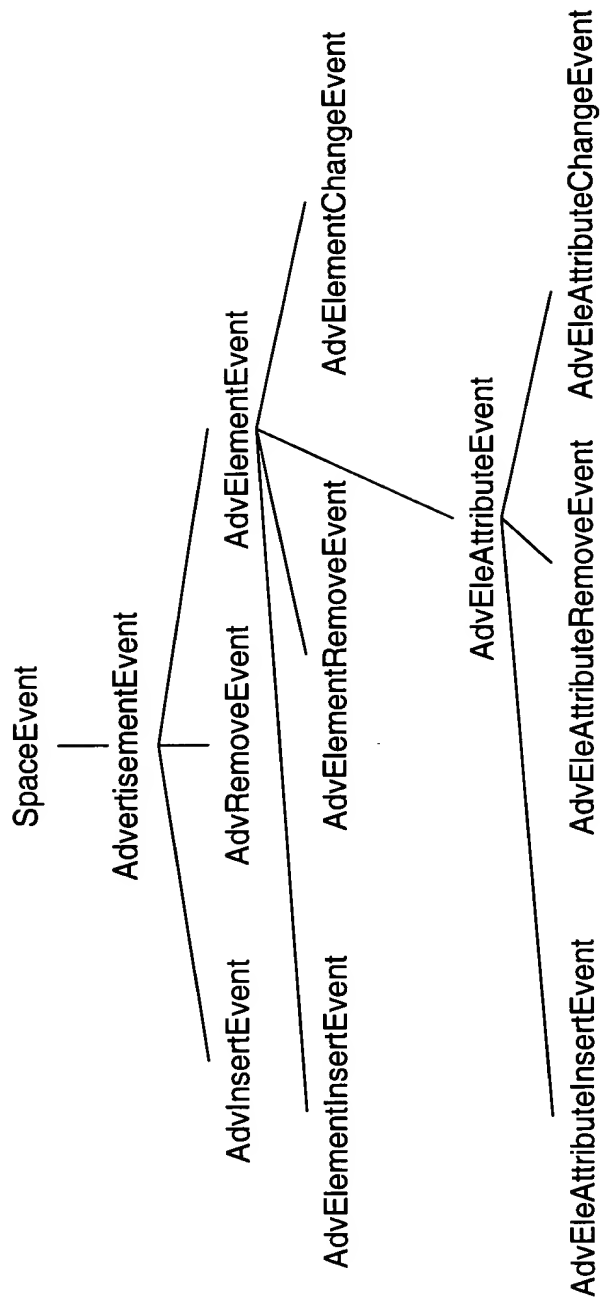


Fig. 21

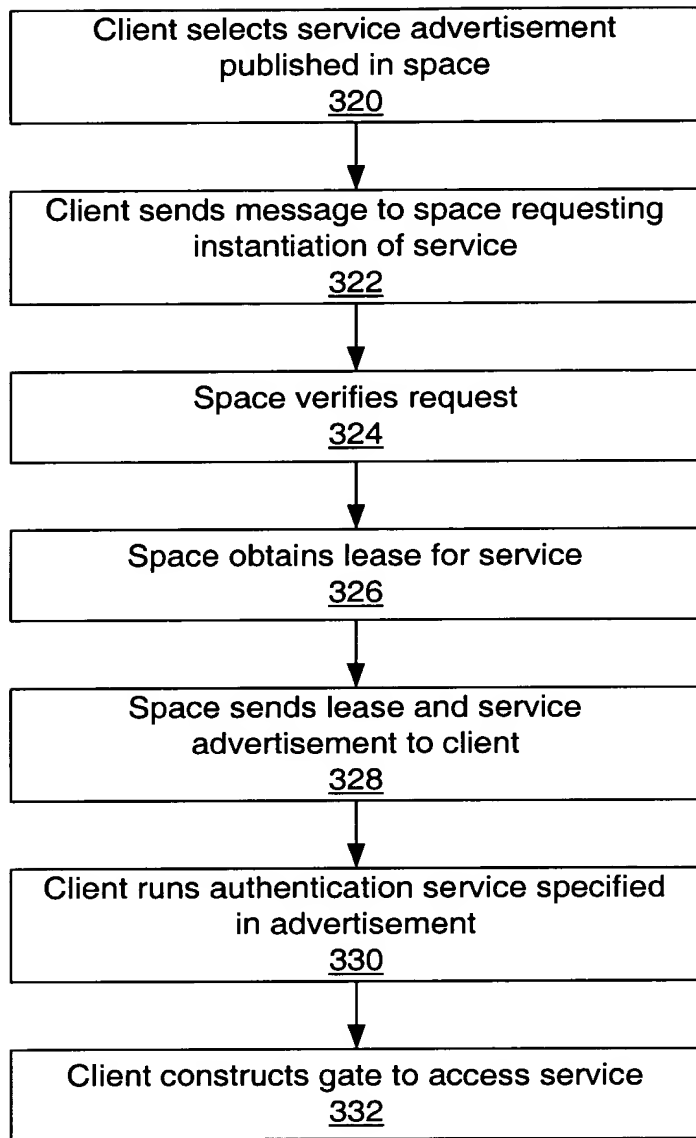


Fig. 22

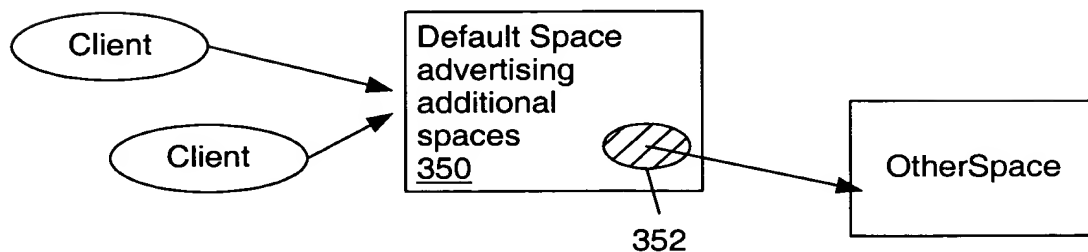


Fig. 23

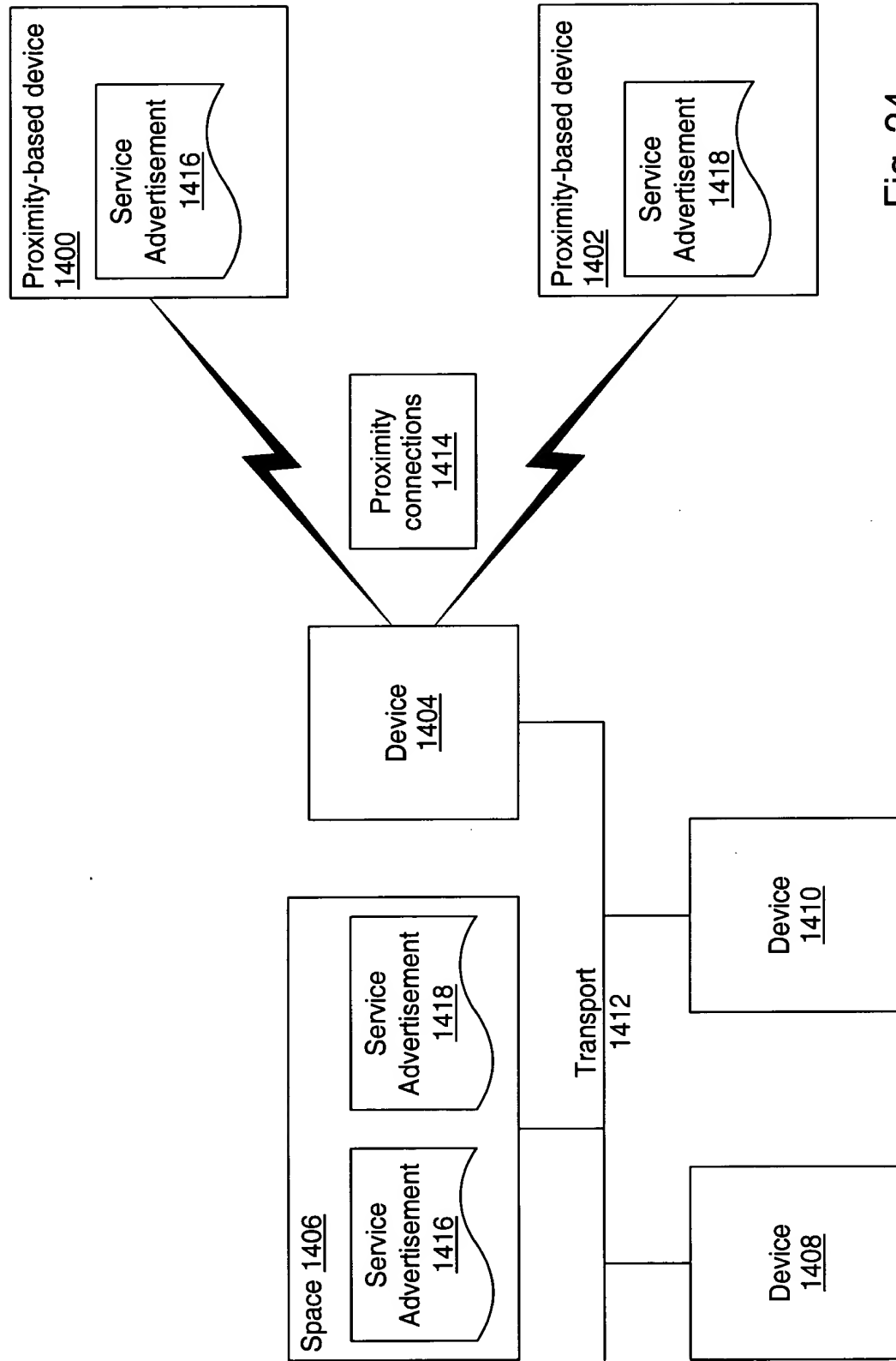


Fig. 24

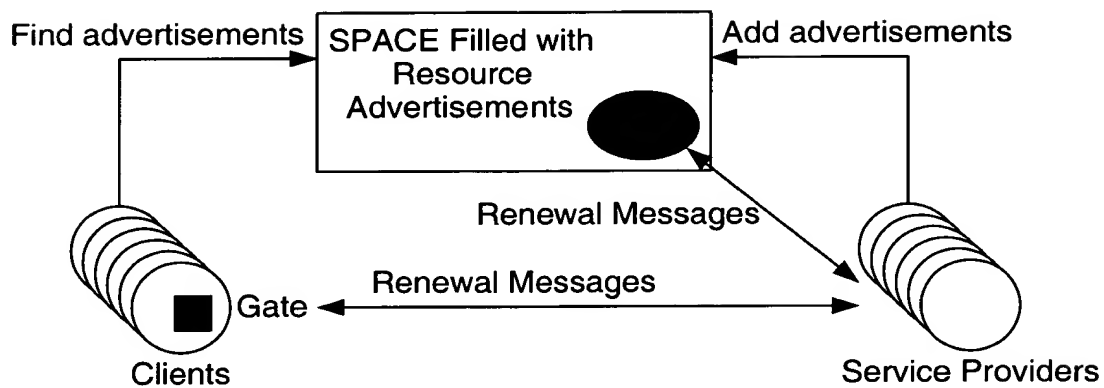


Fig. 25

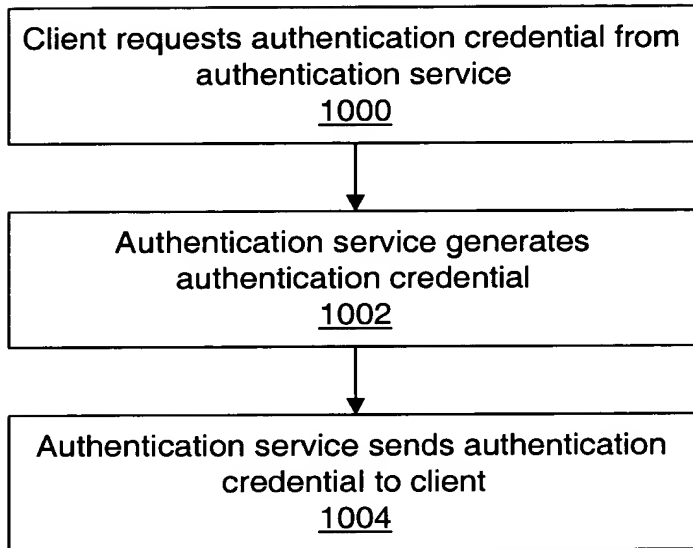
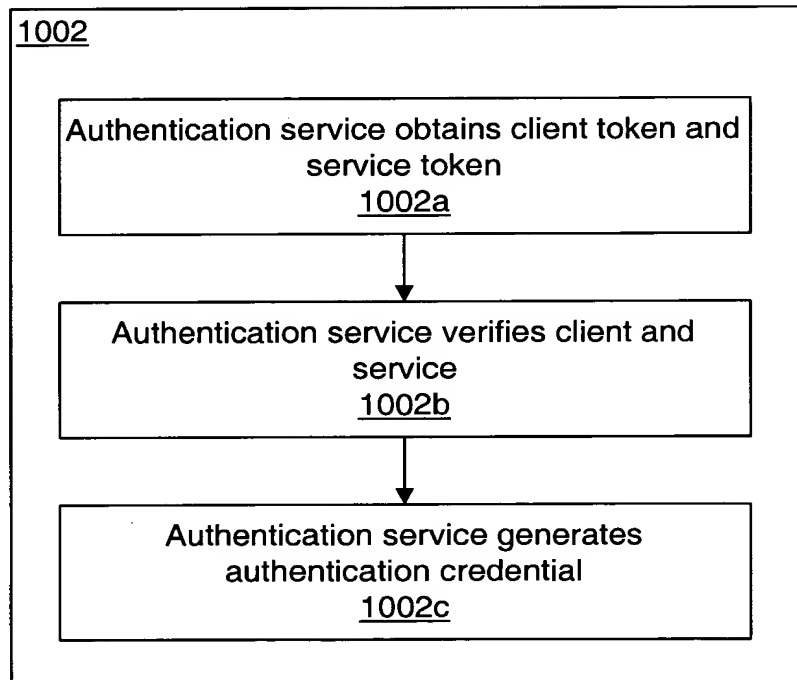


FIG. 26a

FIG. 26b



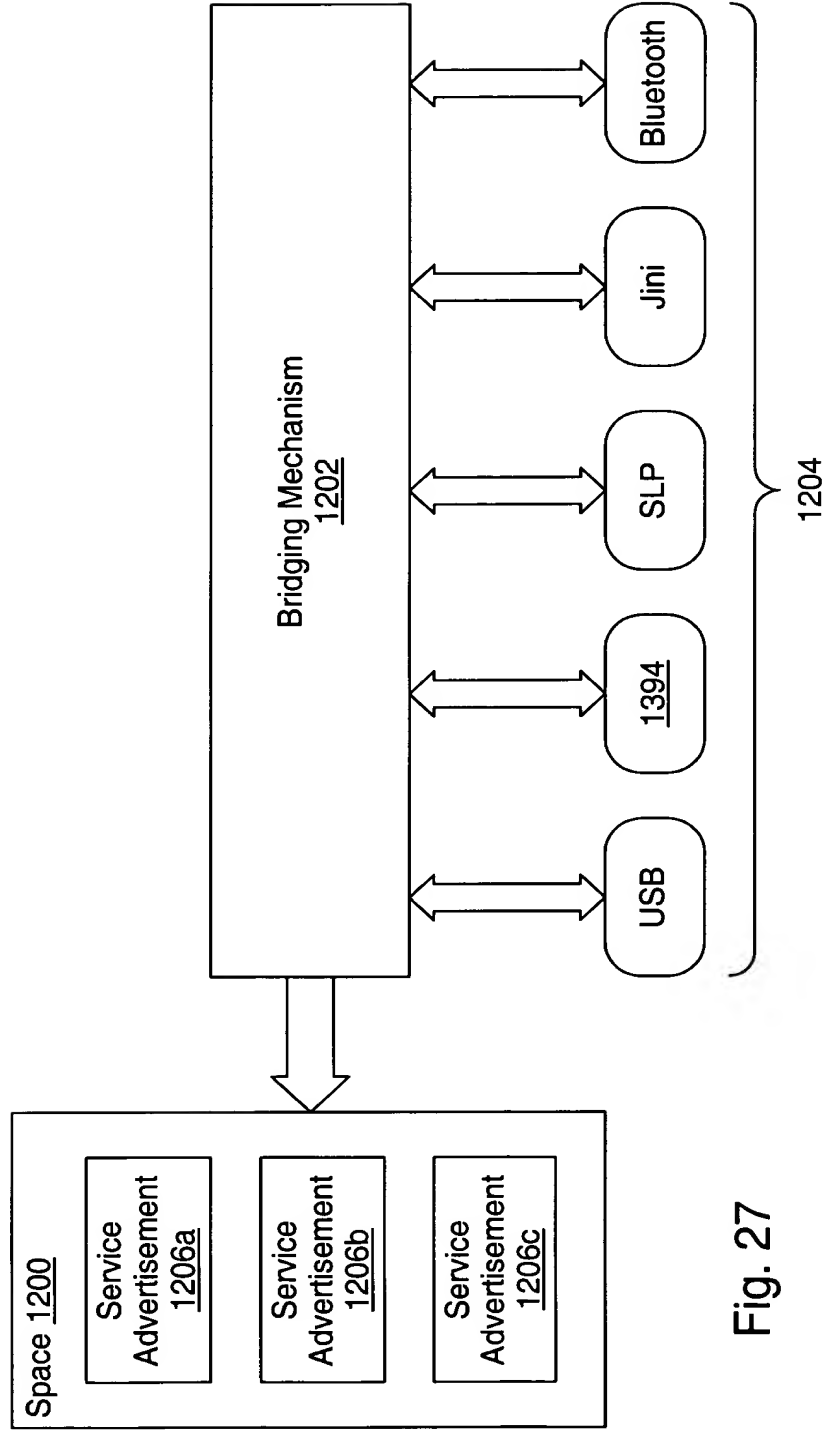


Fig. 27

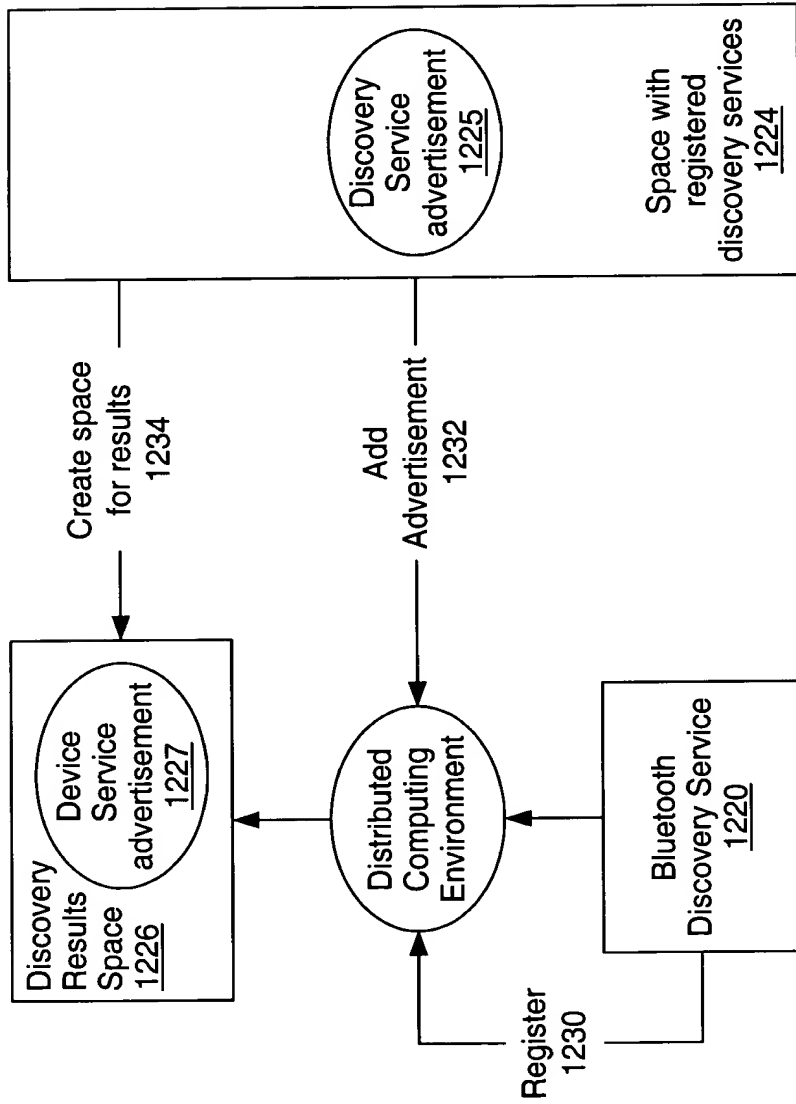


Fig. 28

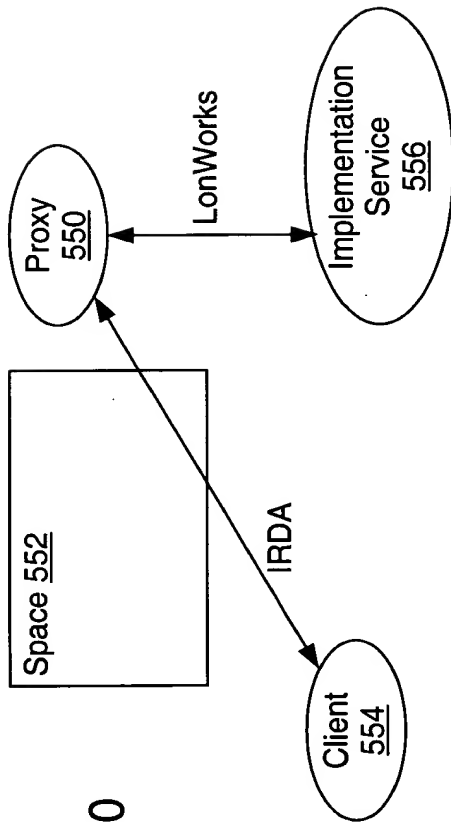


Fig. 30

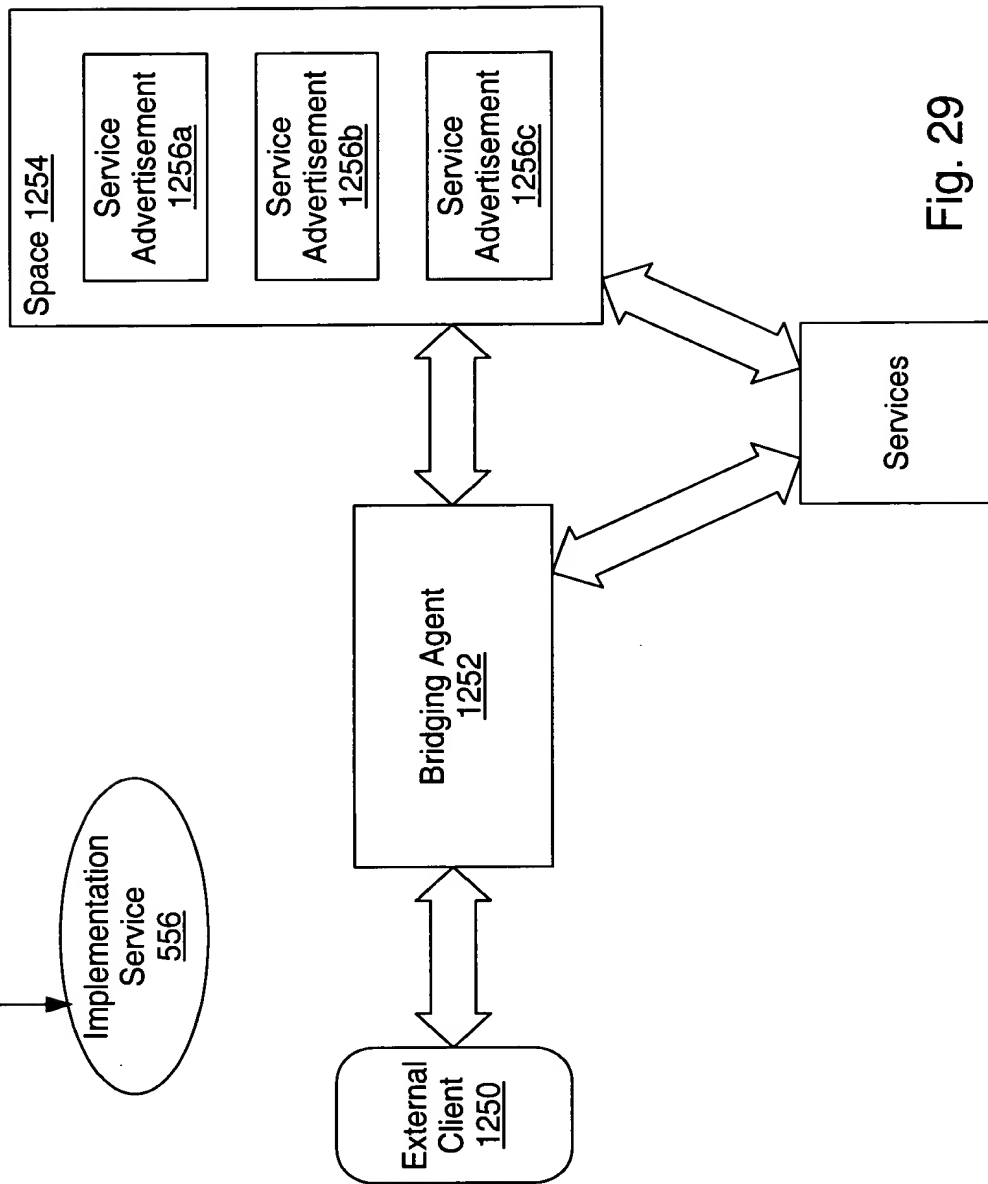


Fig. 29

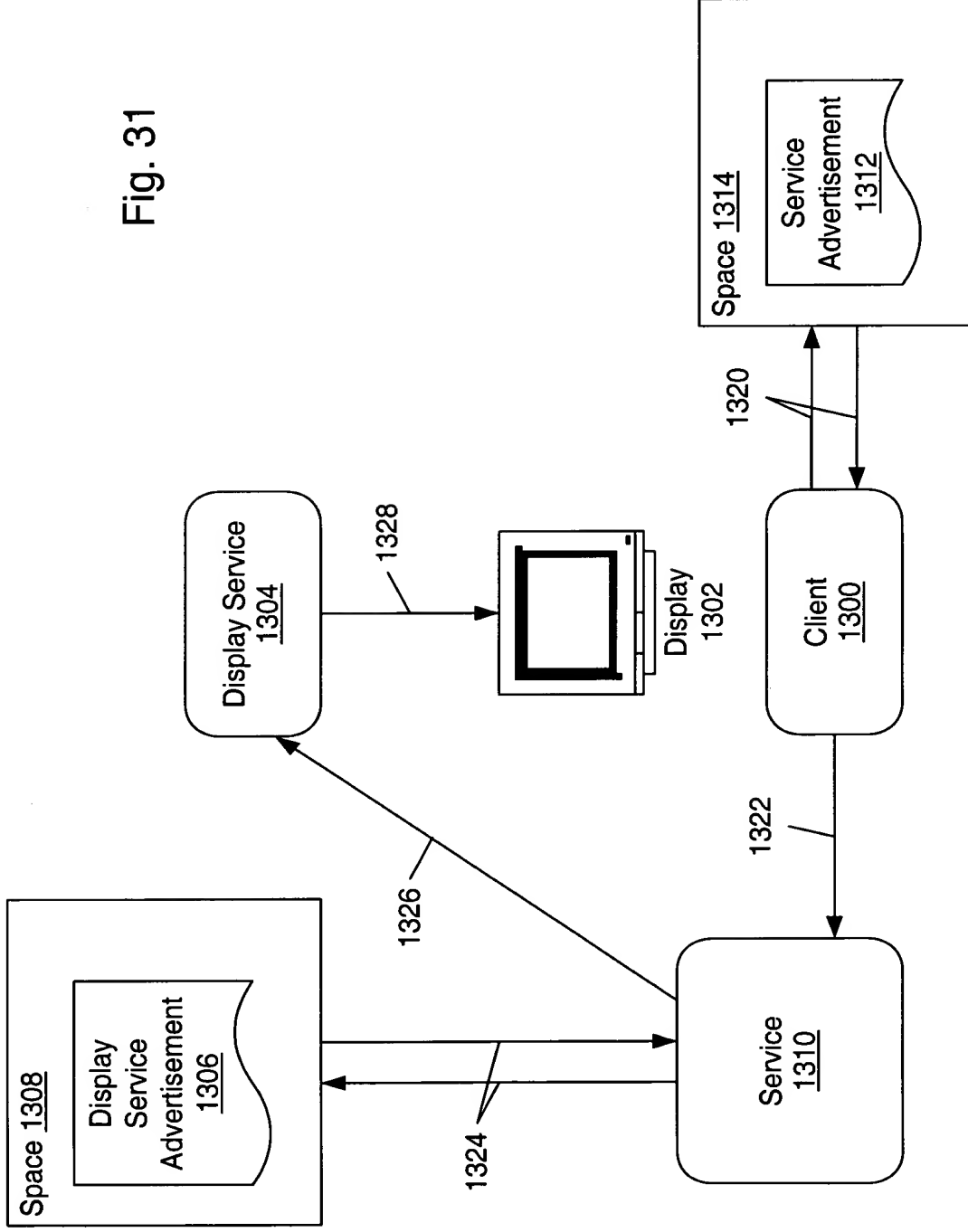


Fig. 31

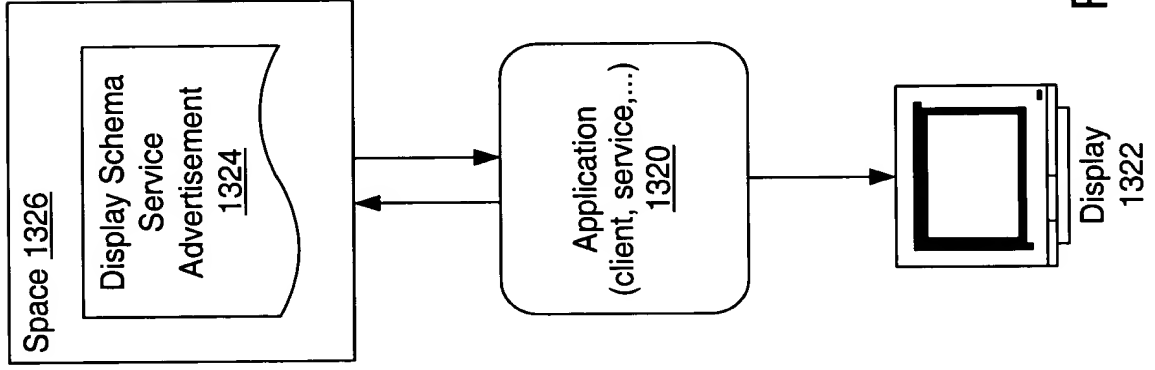


Fig. 32A

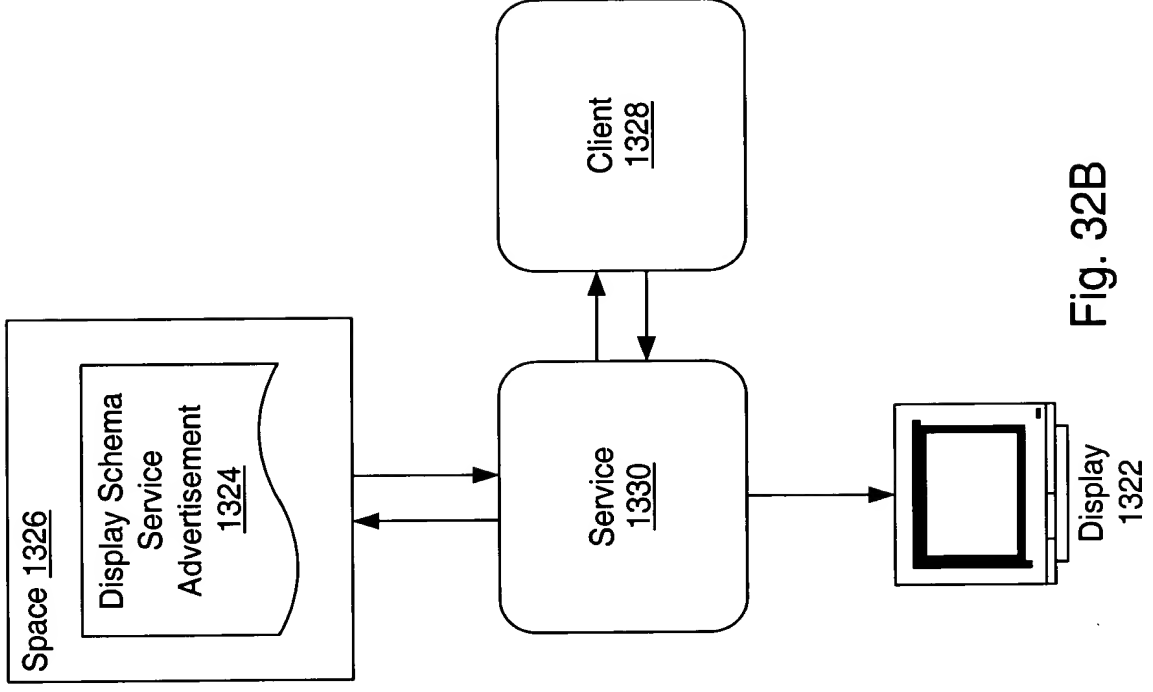


Fig. 32B

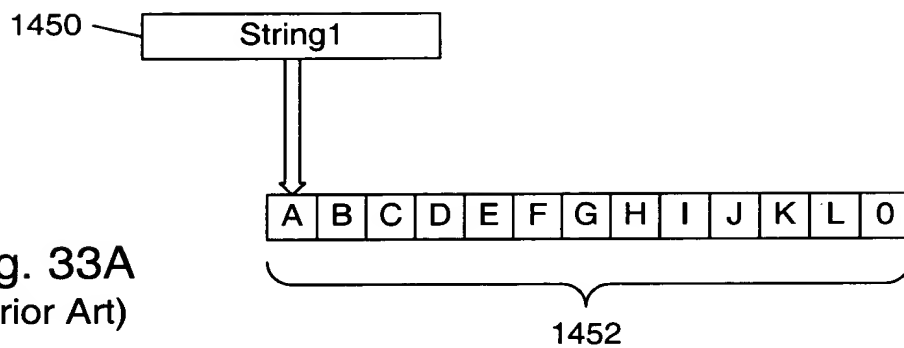


Fig. 33A
(Prior Art)

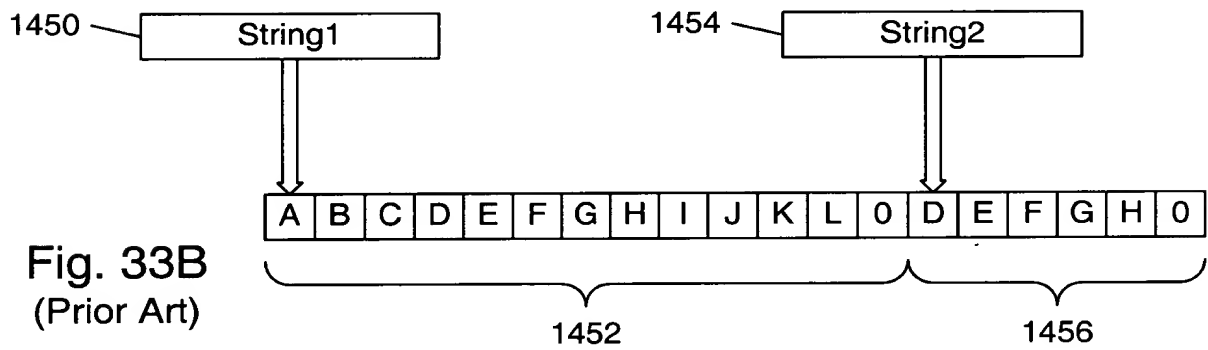


Fig. 33B
(Prior Art)

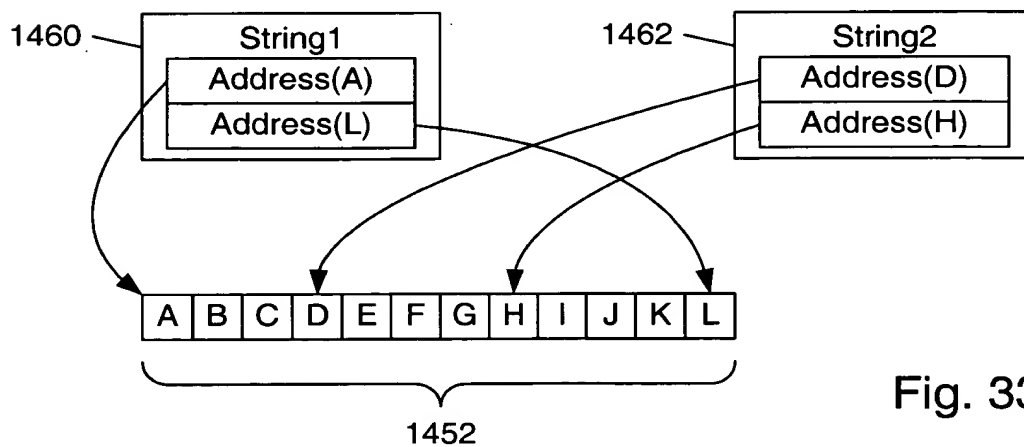


Fig. 33C

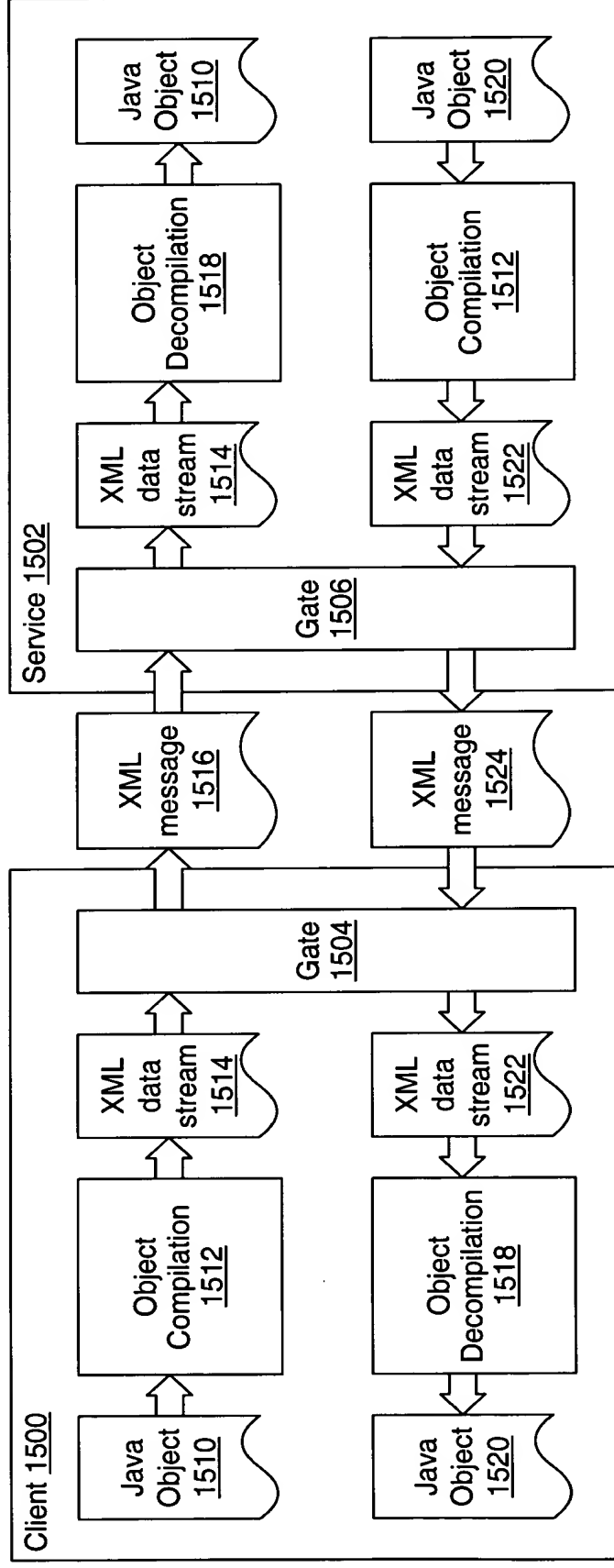


Fig. 34

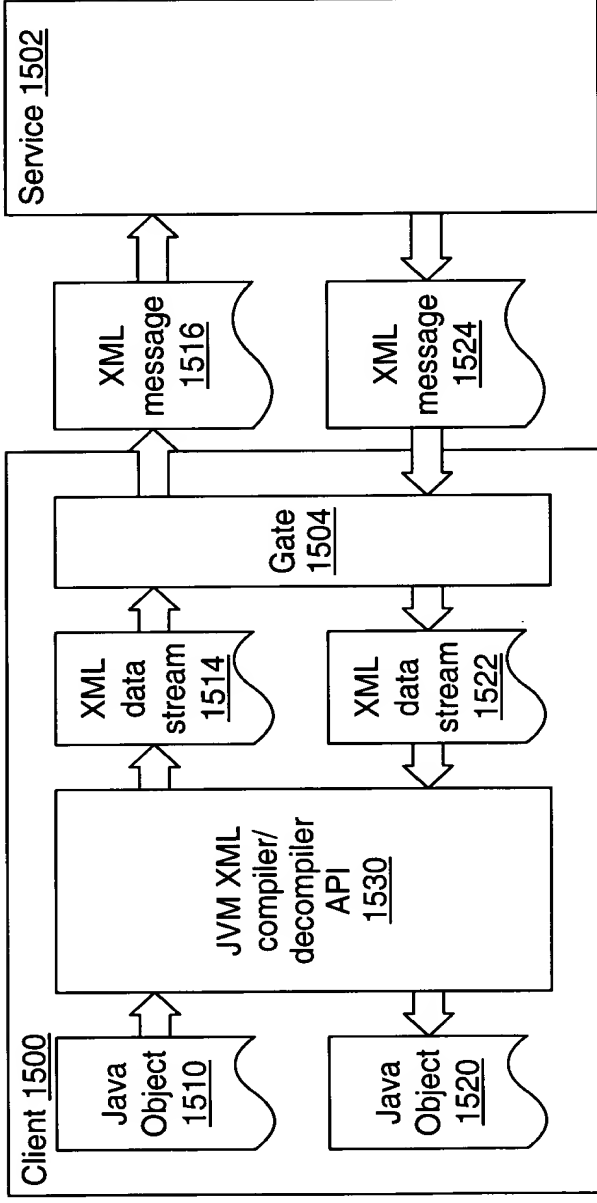


Fig. 35a

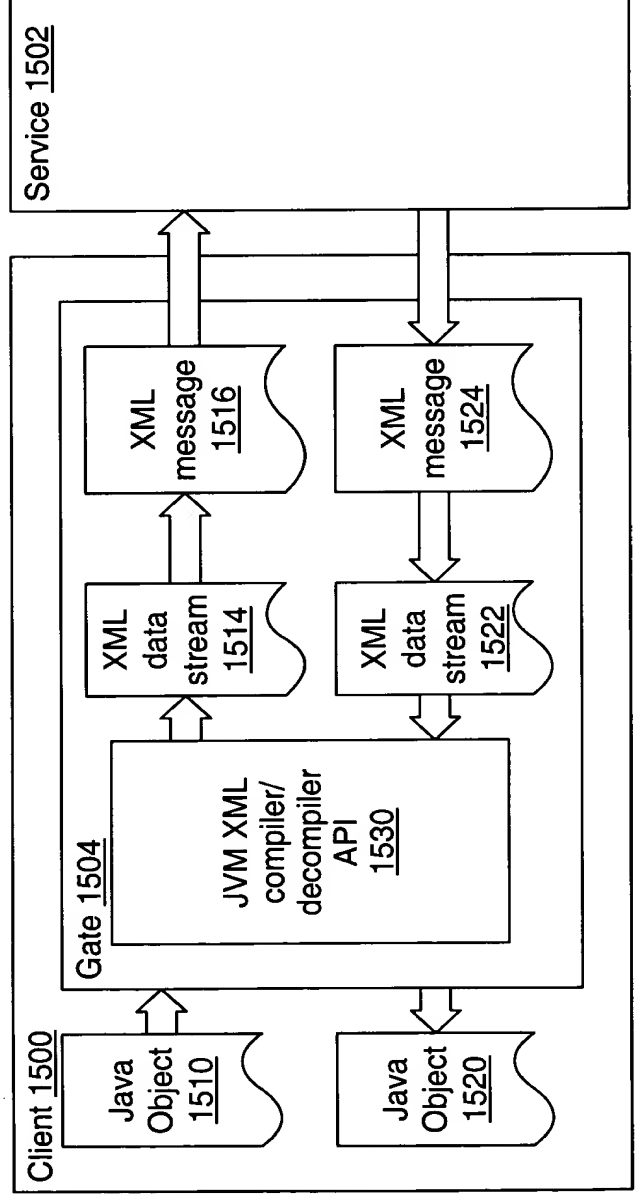


Fig. 35b

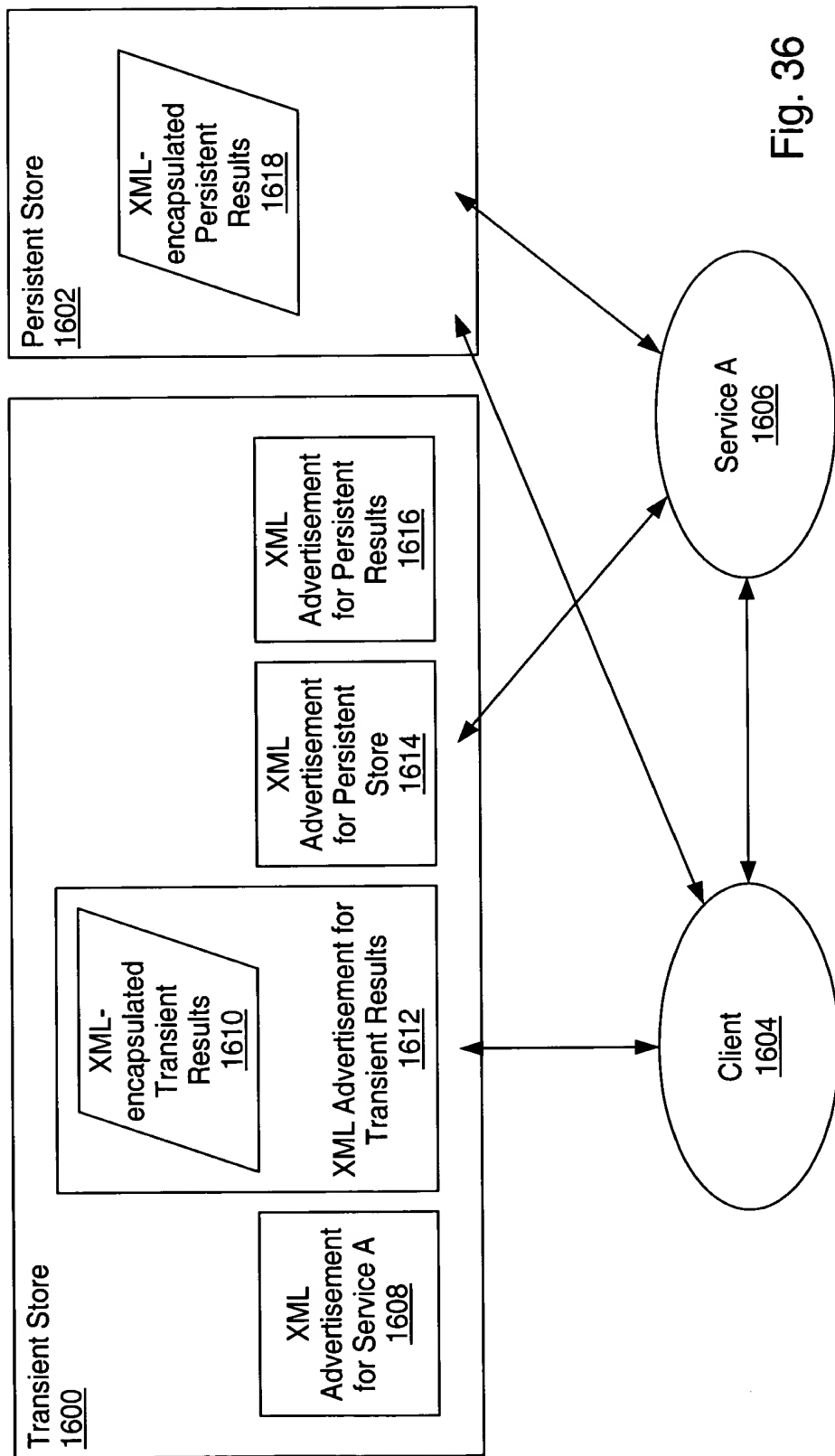


Fig. 36

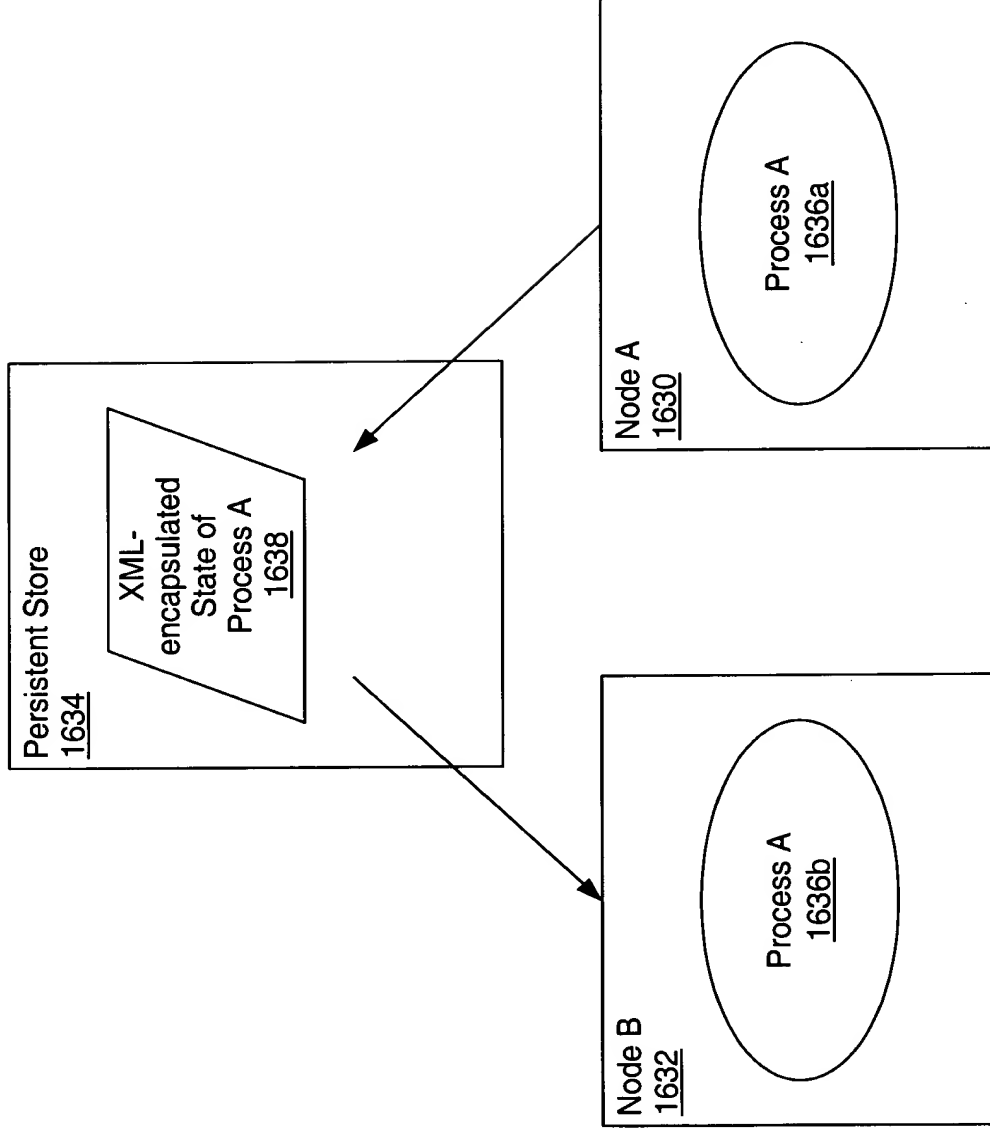


Fig. 37

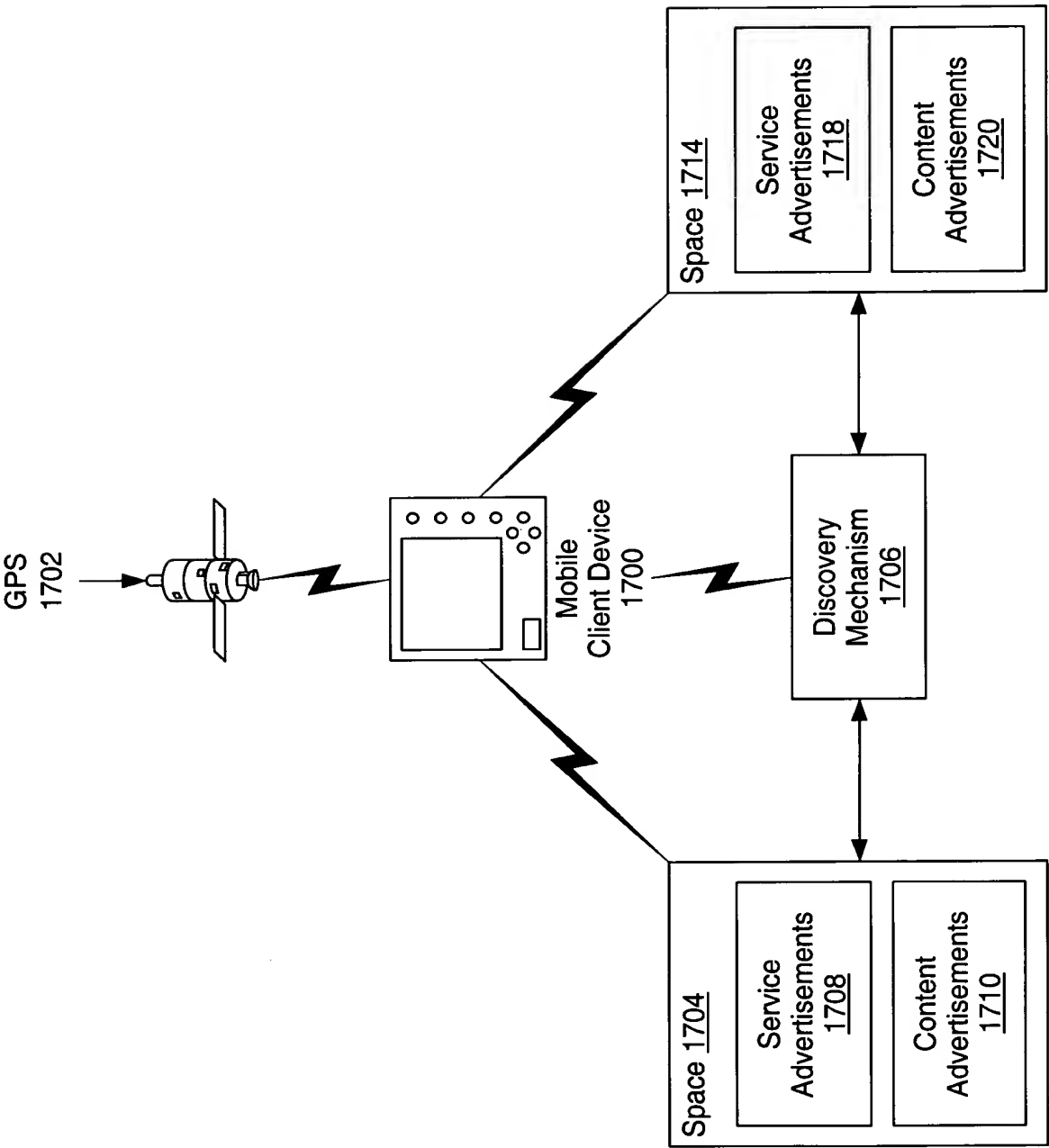


Fig. 38

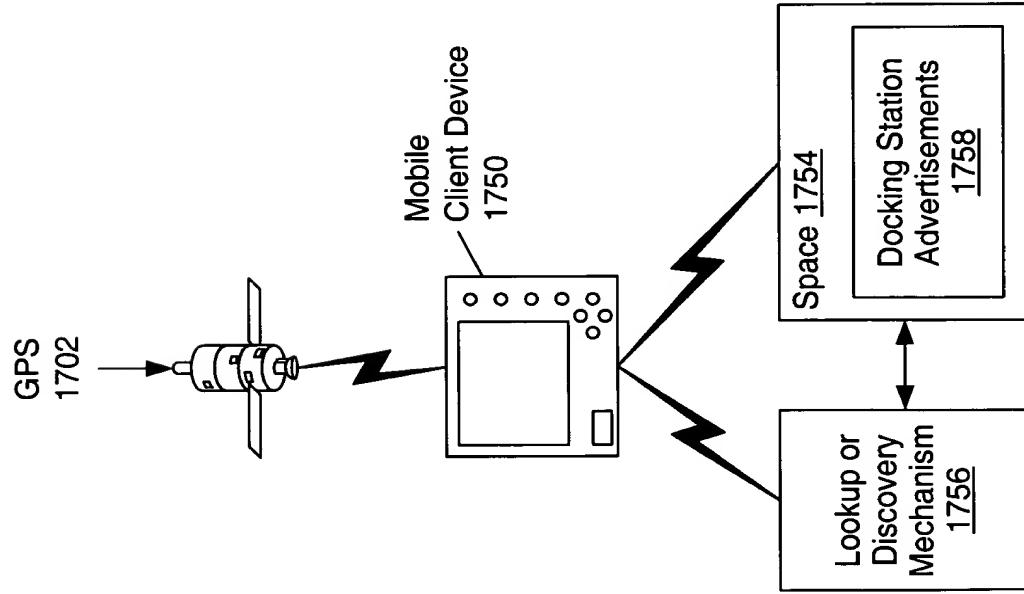


Fig. 39a

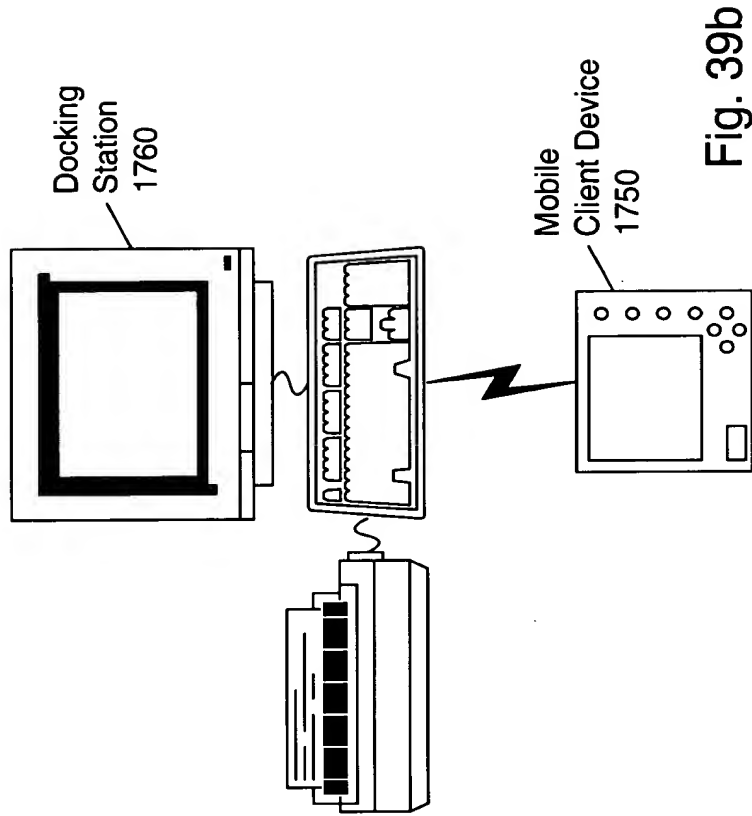


Fig. 39b

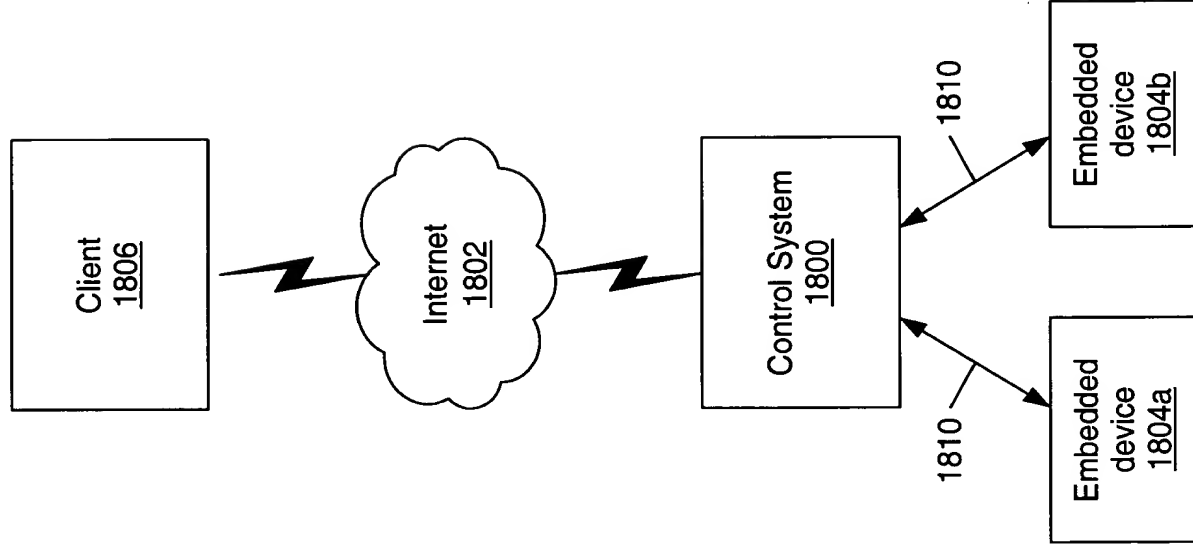


Fig. 40a

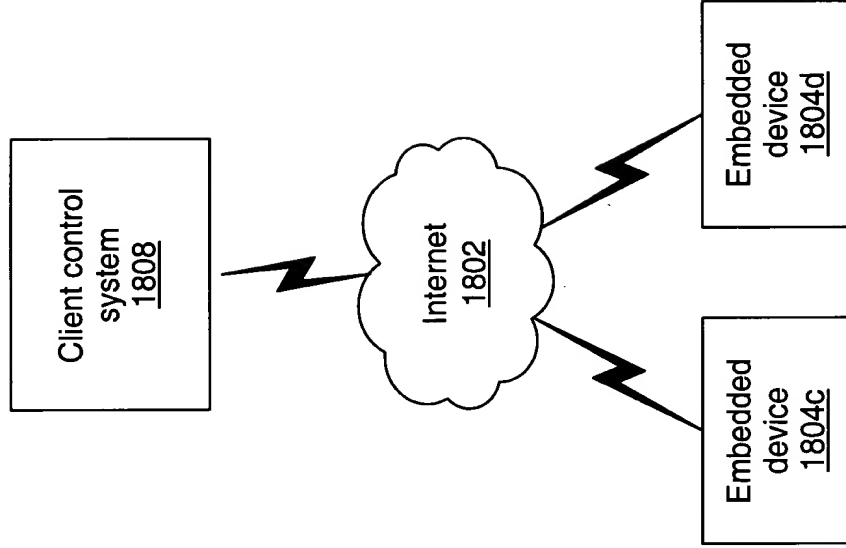


Fig. 40b

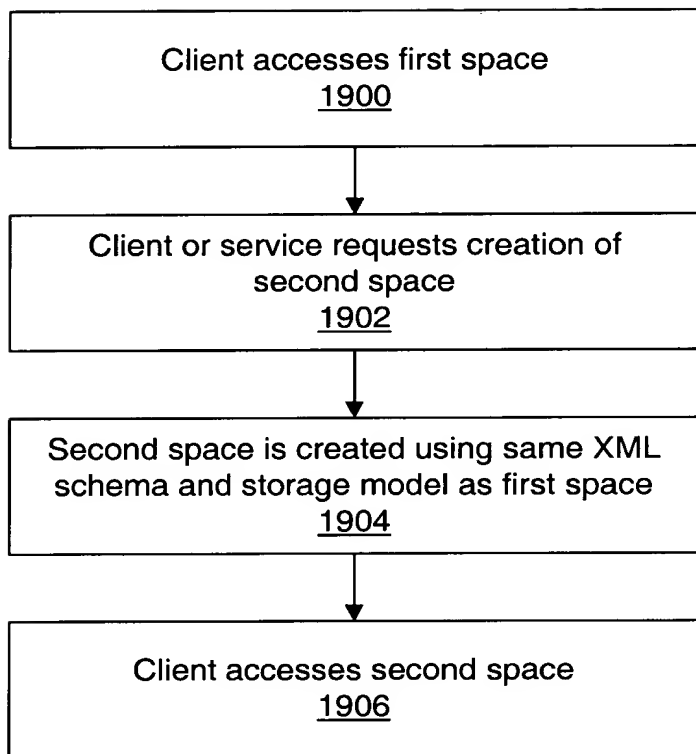


FIG. 41

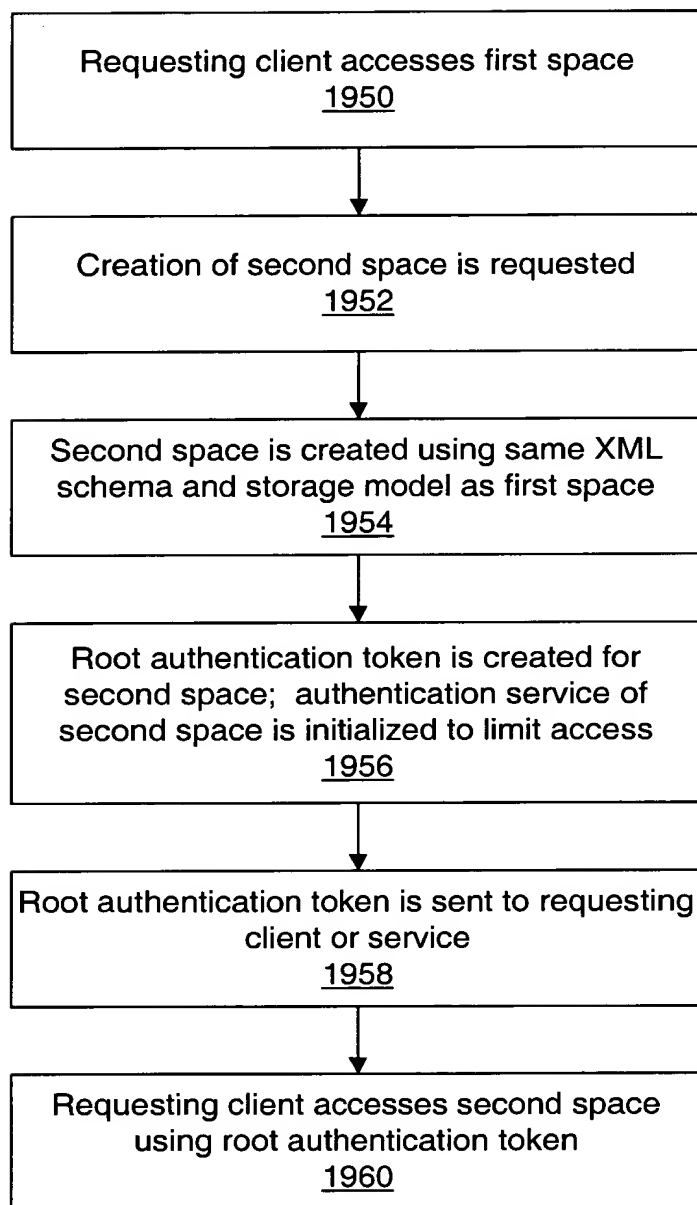


FIG. 42

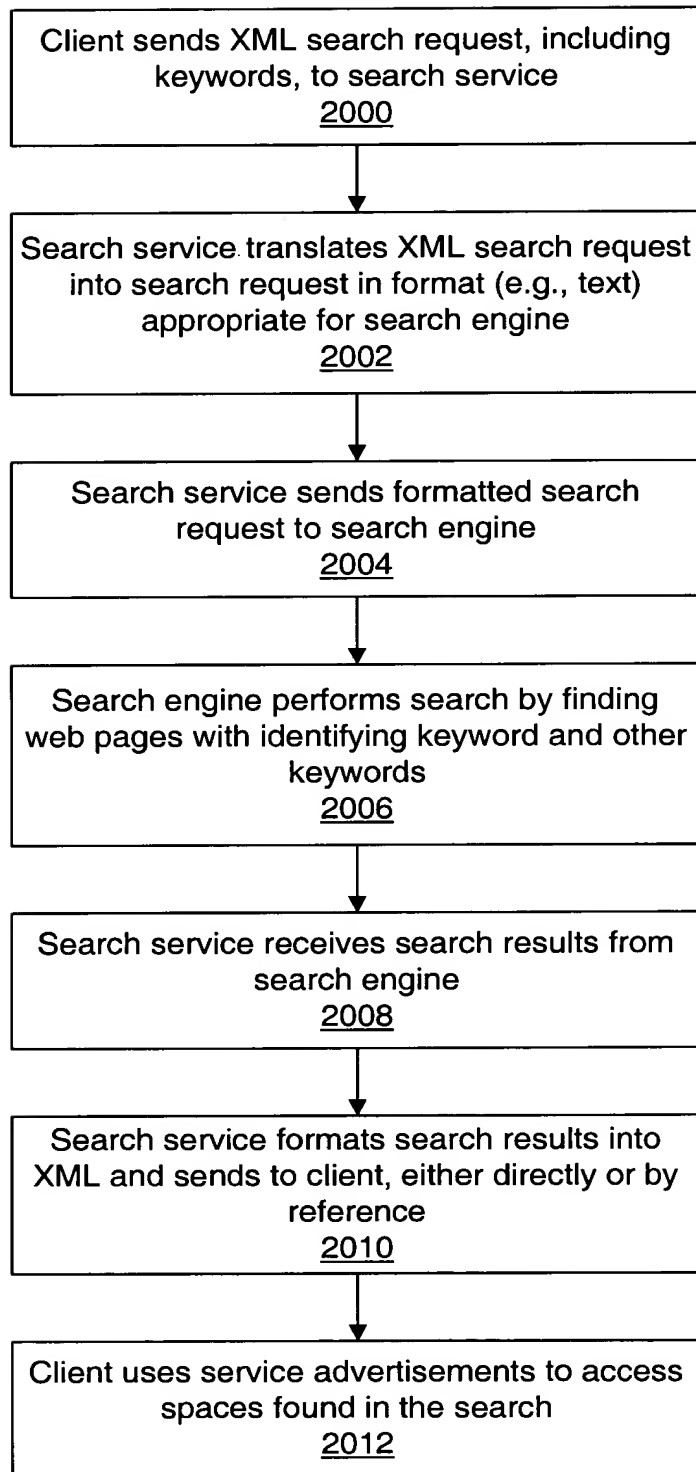


FIG. 43

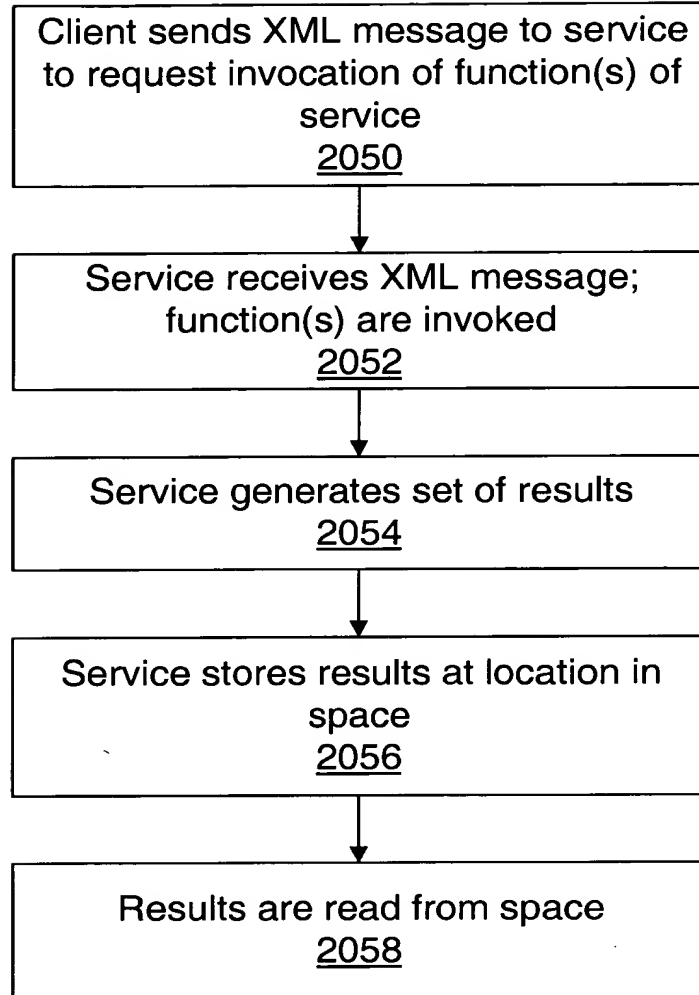


FIG. 44a

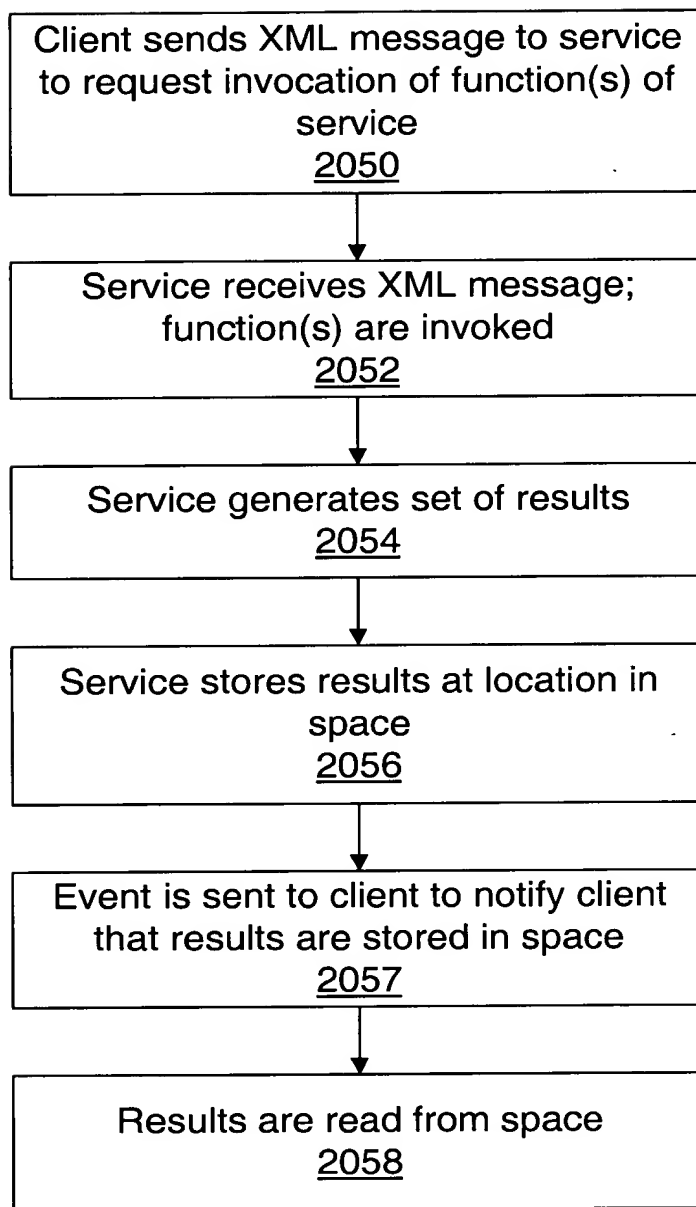


FIG. 44b

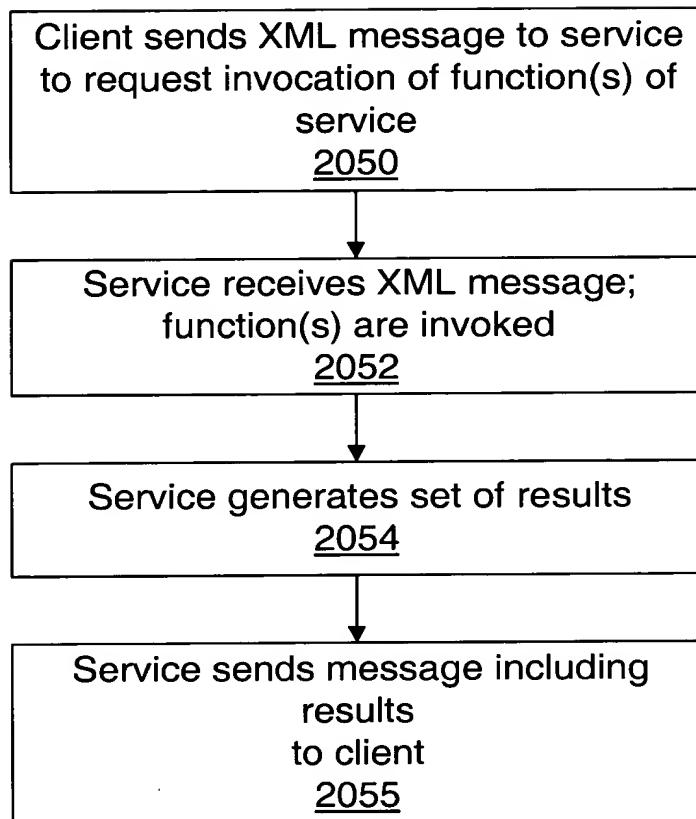


FIG. 44c

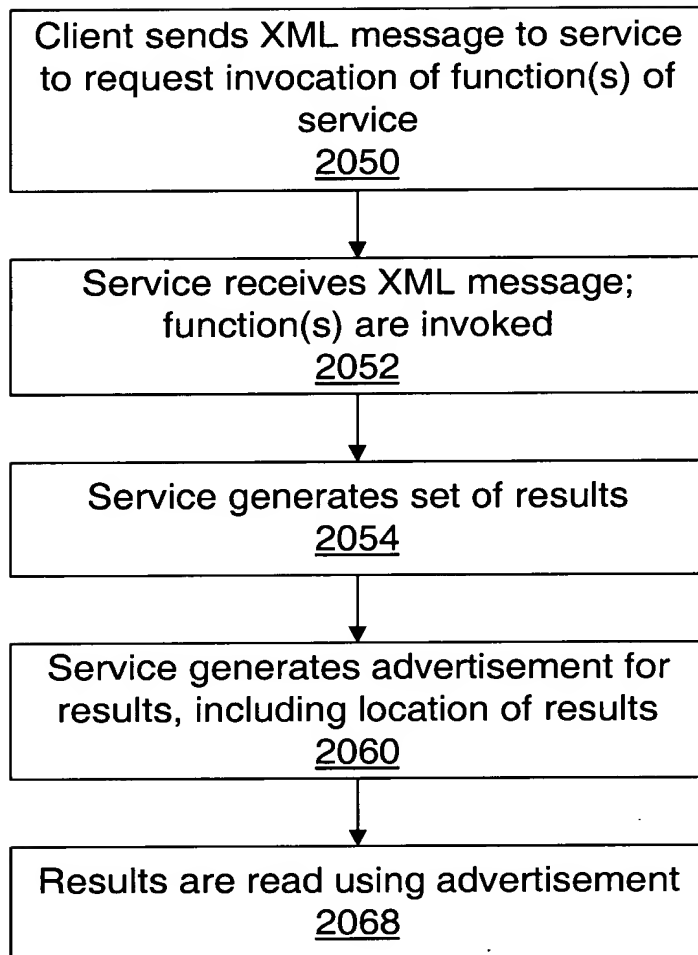


FIG. 44d

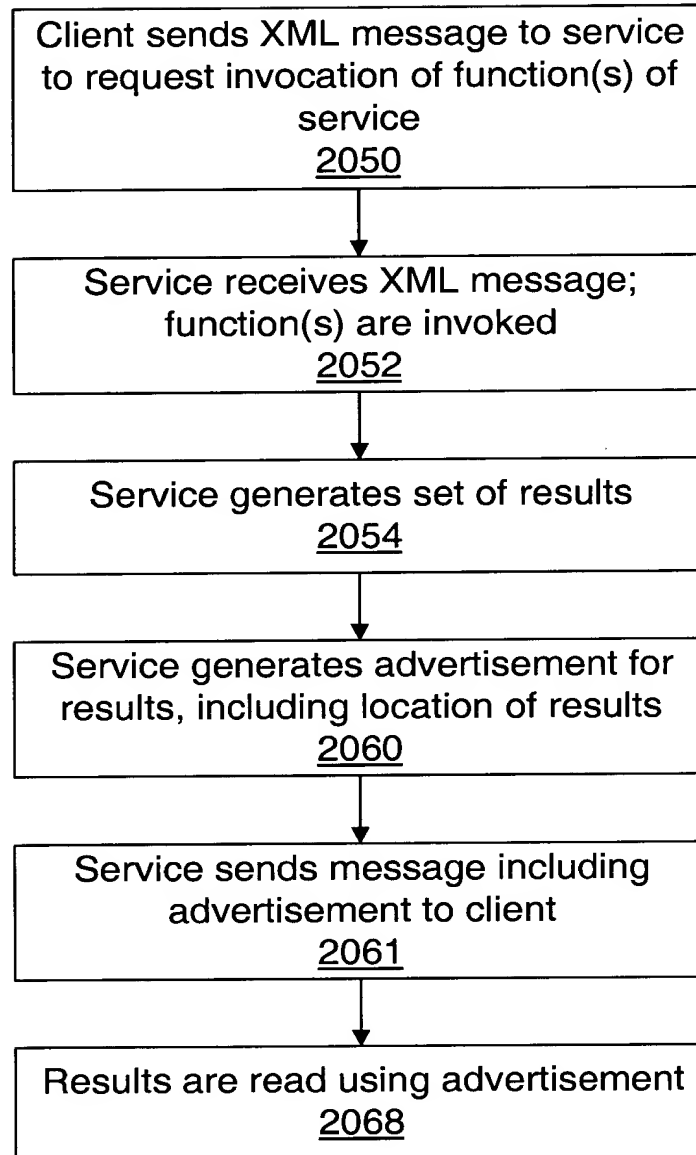


FIG. 44e

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graph TD
    2050[Client sends XML message to service to request invocation of function(s) of service 2050] --> 2052[Service receives XML message; function(s) are invoked 2052]
    2052 --> 2054[Service generates set of results 2054]
    2054 --> 2056[Service stores results at location in space 2056]
    2056 --> 2060[Service generates advertisement for results, including location in space 2060]
    2060 --> 2062[Advertisement is stored in space 2062]
    2062 --> 2066[Advertisement is read from space 2066]
    2066 --> 2068[Results are read using advertisement 2068]

```

FIG. 44f

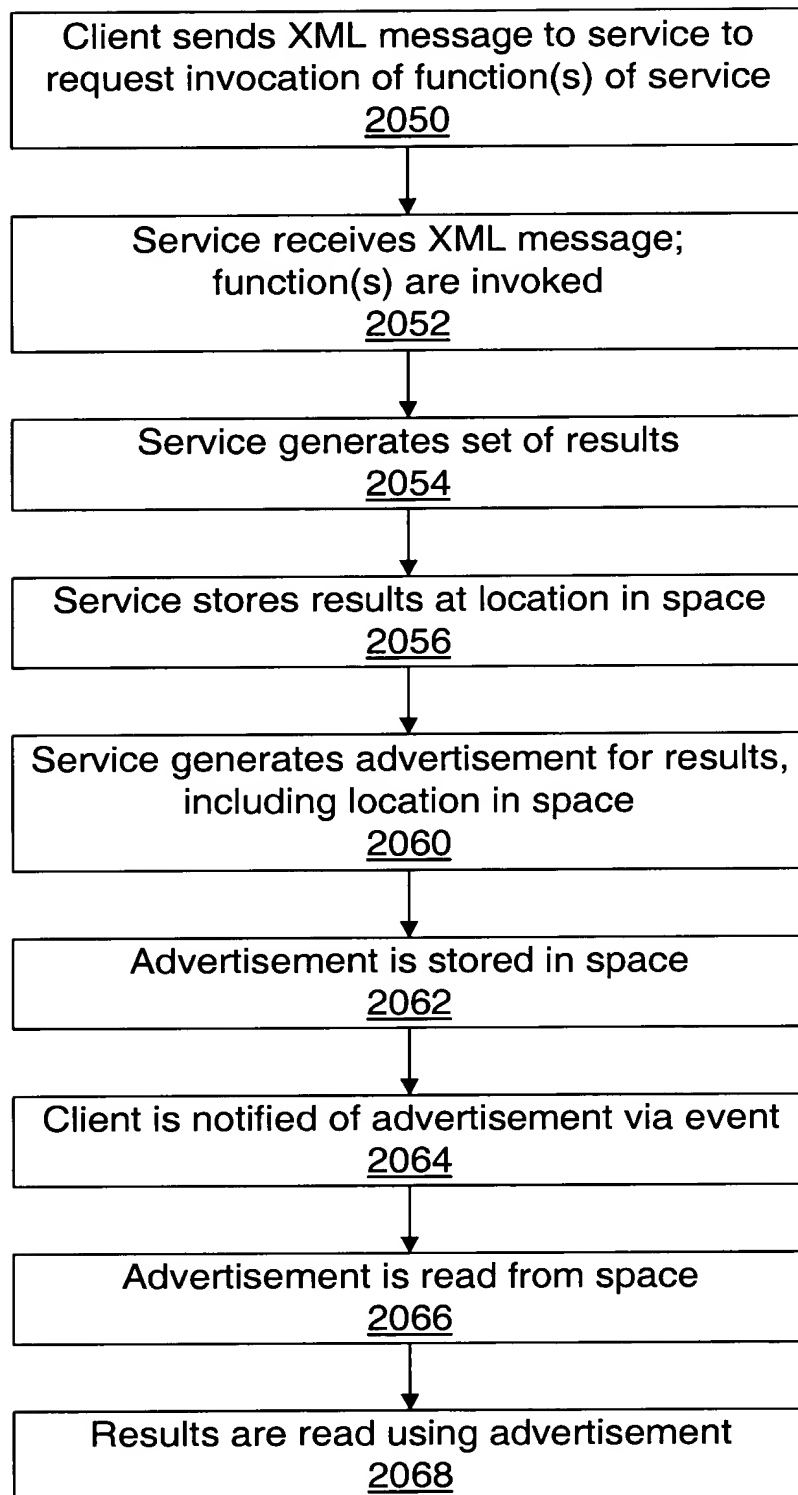


FIG. 44g

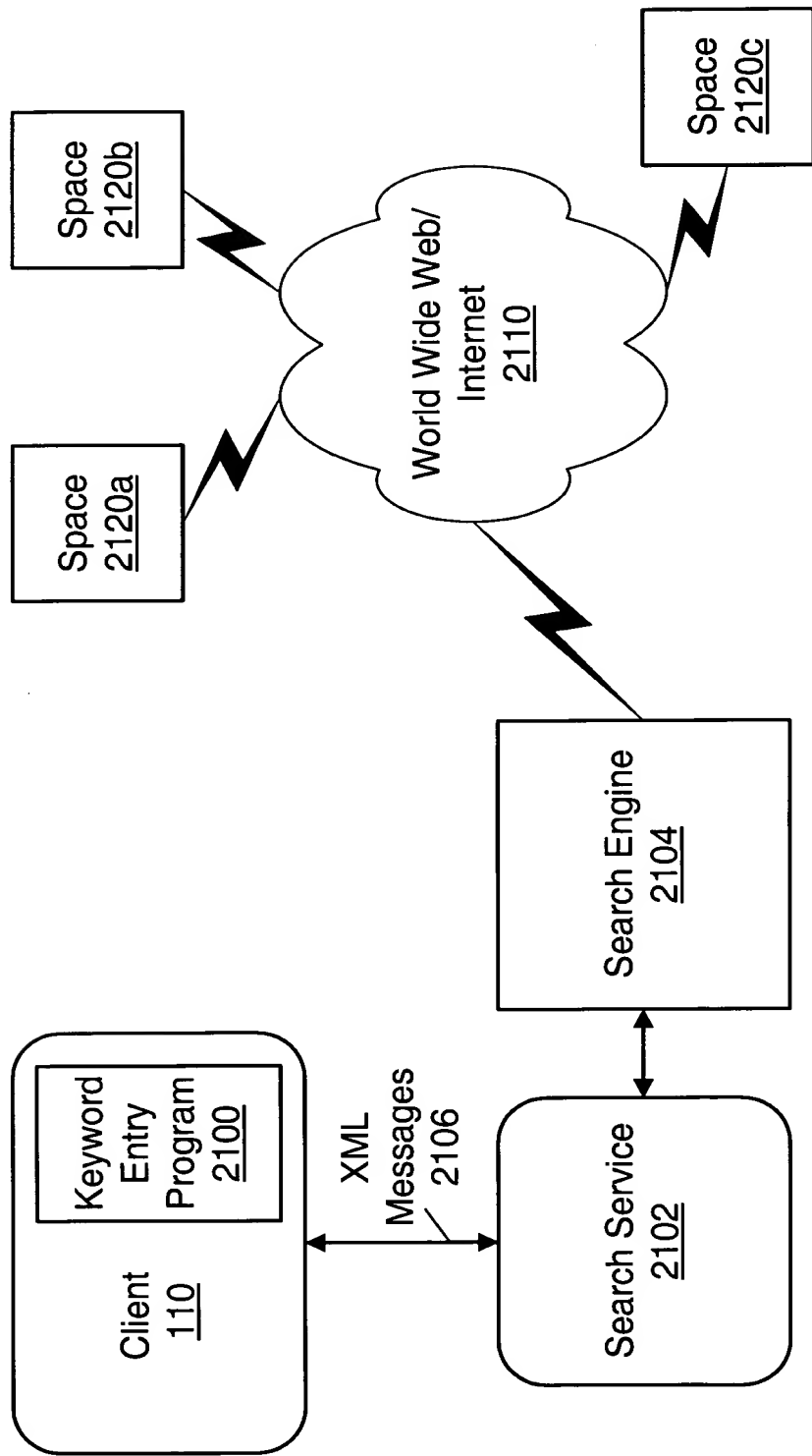


FIG. 46a

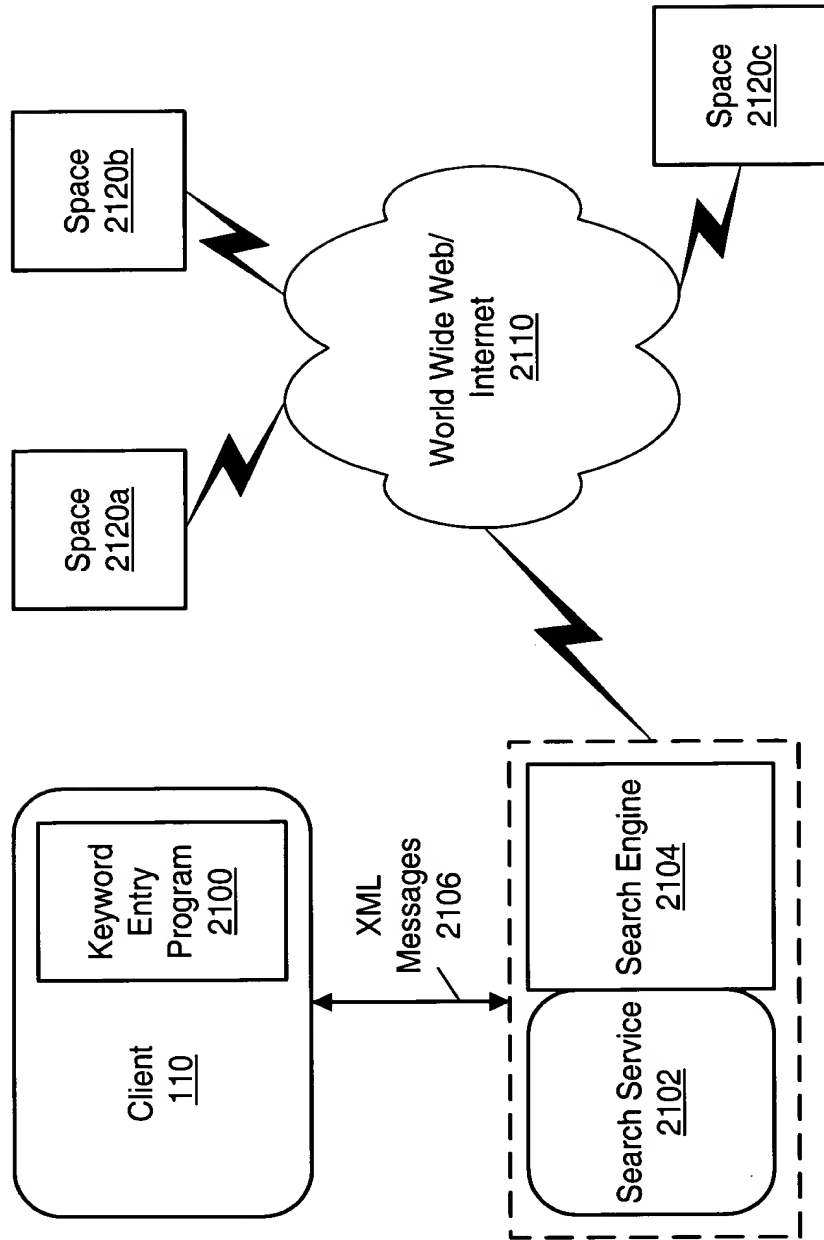


FIG. 46b

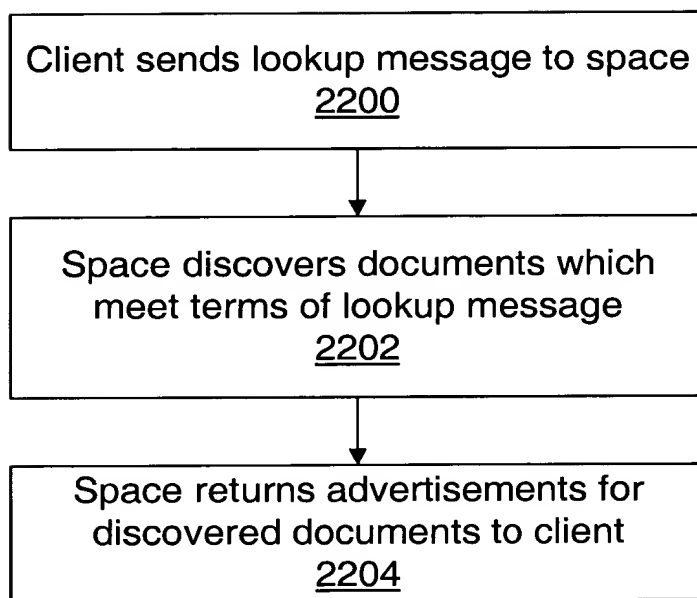


FIG. 47

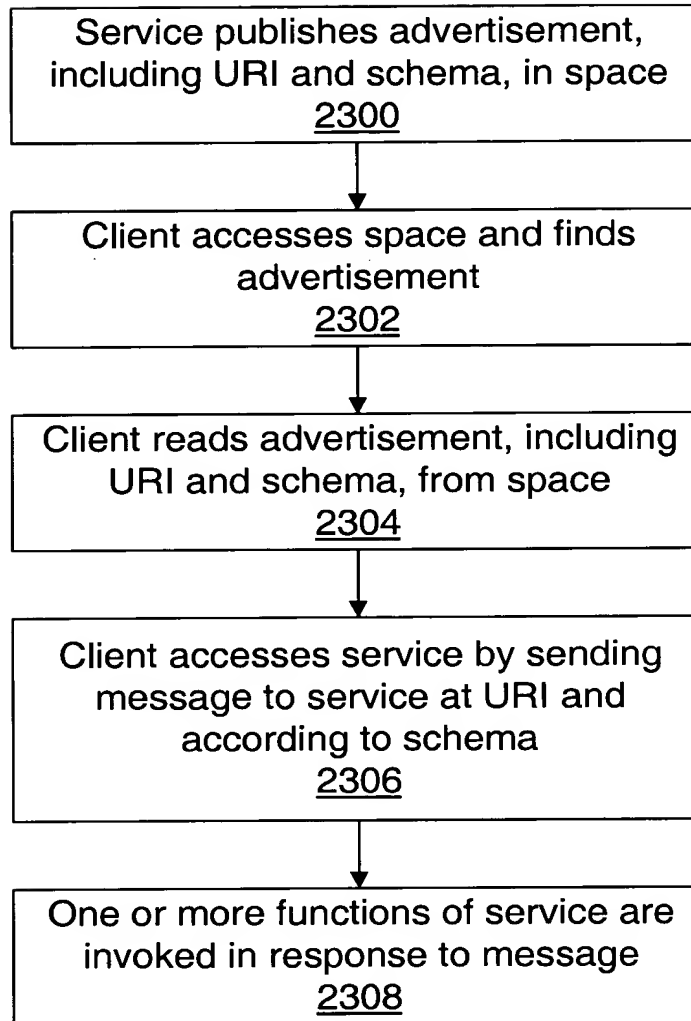


FIG. 48